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Cryptogamae Exsiccatae—An Annotated Bibliography of Published Exsiccatae of Algae, Lichenes, Hepaticae, and Musci

GENEVA SAYRE

Introduction 1
I. General Cryptogams 5
II. Algae 57
III. Lichenes 107

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(continued on inside back cover)

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CRYPTOGAMAE EXSICCATAE
AN ANNOTATED BIBLIOGRAPHY OF PUBLISHED EXSICCATAE OF ALGAE, LICHENES, HEPATICAE, AND MUSCI

INTRODUCTION, I. GENERAL CRYPTOGAMS, II. ALGAE, III. LICHENES

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INTRODUCTION

The title of this work is misleading, since I have confined my investigation to the photosynthetic, nonvascular cryptogams. I have used it because there seems to be no short designation for these classes of plants, and I apologize to any persons who have been led by the title to expect information on fungi and pteridophytes. I began the work with the intention of clarifying the publishing history of Musci exsiccati only, in connection with monographic studies in that class. Since, however, my method involved "mining" journals and herbaria, it seemed practical to note the same information for sets of plants of other classes. I have omitted fungi exsiccati partly because they are so numerous that their inclusion would have materially lengthened my task, but chiefly because similar studies are now in progress by persons more competent in the subject. (I did not know until mine was well along that several lichenologists are also engaged in similar investigations; their emphasis, however, is somewhat different from mine.)

In much of the literature of descriptive taxonomy, as in Grout's Moss Flora of North America, the word exsiccata is used for any specimen cited as an authentic representation of the taxon. It is more precisely defined by Stearn in Botanical Latin as a set of dried specimens usually provided with printed labels, and is so used by Jackson and other authors, although in bibliographies it is more familiar in its adjectival form as "Lichenes exsiccati," or "Hepaticae exsiccatae." In strict bibliographic usage, moreover, a *published* exsiccata must exist in several identical sets, and must be serially numbered from one onward, with set numbers, not field numbers. It should be possible to designate the author (who may or may not be the collector), and the place and date of first issue. Thus a specimen in an exsiccata can be cited as precisely as a passage in a book, and "copies" will be found in several or many herbaria.

Beyond these basic requirements, authors differ as to what is, or is not, an exsiccata. Must there be at least ten "copies"? Must the sets have been publicly offered for sale? Must the labels be printed, or at least multigraphed? Must the

serial numbers be continuous, without gaps? Must field data be given on the labels so that the specimens can be known to be identical in all "copies"? Should sets be designated exsiccatae even if they are of no taxonomic or nomenclatural significance? These are questions to which there can be no hard and fast answers, for a negative to any one of them would mean the exclusion of some sets which on other grounds are more important than many which fulfill all the maximum requirements. I have given the appropriate information on these points for the sets I include, and the reader may judge whether or not he agrees to their inclusion.

I have excluded some sets on less defensible grounds than that they do not meet the definition of published exsiccatae. For example, I have not considered most of the sets which are largely phanerogams with only a few representative cryptogams, although I have tried to include them if they are referred to in cryptogamic literature. I have also omitted many fungi exsiccati which contain a few lichens (and have not always noted the presence of lichens in algae exsiccatae). I have omitted most sets prepared and issued to members by botanical societies (e.g., Sociedade Broteriana, 1880 onwards) and by exchange clubs (e.g., Schlesischen Botanischen Tausch-Vereins, 1870 onwards), though I have included the important ones whose offerings were made to the public (e.g., Unio itineraria). Many of these excluded sets will be found in Part V, where I have given my reasons for their exclusion from the text.

Finally, there are, of course, many sets omitted inadvertently. All herbaria contain large quantities of specimens with titles and numbers on the labels which may or may not be serially numbered sets, as well as albums of specimens which may or may not be unique. Innumerable collectors have turned an honest penny, or exhibited their generosity, by preparing and distributing sets of specimens; if these have not turned up in the herbarium cases I have opened, or been noted in the journals I have read, or if their status is dubious, they will not be found here.

For the some 500 sets which are included, I have tried to ascertain the full title, the total numbers, the dates of publication of the whole and its parts, the place of publication, and the press or other agency which issued it, if it was not distributed by the author or editor himself. The abbreviations A(=algae), H(=hepatics), L(=lichens), and M(=mosses) indicate the composition of the sets where known. Unlike Lynge in his classic Index . . . "Lichenum Exsiccatorum," I have not attempted to list the species, but have referred to a printed index if I have found one. Other references are made to books and papers pertaining to the set or the author.

I have also tried to describe the labels, the data on them, and whether they are printed from type, or duplicated from type, rubber stamp letters or autograph, or whether they are handwritten. This information may serve two purposes. It will indicate to specialists whether the label constitutes effective publication of new taxa and new combinations. It may also serve to identify the set if, as is common, it has been disarticulated and distributed in the herbarium.

For this latter contingency, I have given the name and number of a sample specimen, so that it may be ascertained in a given herbarium that a set is at least represented. I should have liked to list the holdings of at least the ten major herbaria I used during this study, but this proved too formidable an undertaking. I have therefore noted the names of only the first one or several of the institutions at which I saw intact sets or scattered specimens. Exceptions to this are The New York Botanical Garden and the Farlow Herbarium of Harvard University, where I have used information from accession lists as well as from specimens.

The International Bureau for Plant Taxonomy is in process of publishing lists of herbaria holdings in Index Herbariorum, Part 2, Collectors. Other printed sources of information are: The History of the Collections Contained in the Natural History Departments of the British Museum, Vol. 1, 1904; Clokie, An Account of the Herbarium of the Department of Botany in the University of Oxford, 1965; von Beck on the Vienna Hofmuseum collections in Bot. Centralbl. **34:** 147–151. 1888; accessions from 1900 to 1934 in the Journal of the New York Botanical Garden. Culberson (see below) lists lichen exsiccatae in American herbaria, and lists of bryophyte collections of particular herbaria have been published from time to time in The Bryologist, Revue Bryologique et Lichénologique, and Transactions of the British Bryological Society.

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Exsiccatae were studied in the following herbaria: The New York Botanical Garden (NY); the Farlow Herbarium of Harvard University (FH); Muséum National d'Histoire Naturelle, Laboratoire de Cryptogamie, Paris (PC); British Museum (Natural History), London (BM); Conservatoire et Jardin botaniques, Genève (G); Institute of Systematic Botany, University of Uppsala (UPS); Riksherbarium, Leyden (L); Royal Botanical Gardens, Kew (K); Institut de Botanique de la Faculté des Sciences, Strasbourg (STR); Royal Botanical Garden, Edinburgh (E), as well as occasional specimens from other institutions. The libraries at the first four of these were used, and also the Bibliothèque National, Paris, the British Museum, London, and the library at Smith College, Northampton, Massachusetts. Special information, published and unpublished, on authors was found at the International Bureau for Plant Taxonomy and Nomenclature and the Biohistorical Institute, both at Utrecht. The hospitality and helpfulness of the staffs of these institutions are gratefully acknowledged. It is a pleasure to record a special debt to the following persons: Mme V. Allorge and Mme S. Jovet-Ast at Paris and Dr. Clark Rogerson at New York, who in many ways made my extended sojourns in their institutions not only profitable but enjoyable; Dr. C. E. B. Bonner at Geneva, Mr. Robert Ross at London, Prof. Rolf Santesson at Uppsala, and Mme C. M. De Wal at Utrecht, who shared with me the results of their own as yet unpublished investigations; Mr. A. Eddy, Mr. A. H. Norkett, Dr. W. T. Stearn and Miss P. Edwards of London, Dr. M. A. Donk and Mr. A. Touw of Leyden, Dr. P. A. Florschütz of Utrecht, and Dr. I. Mackenzie Lamb of the Farlow, who gave me special advice and information.

I wish also to thank the following persons who have responded generously to my requests for data on particular sets issued by them or studied by them: Henry des Abbayes; John C. Blum; Adám Boros; William L. Culberson; Maxwell S. Doty; Josef Duda; Seville Flowers; Barna Györffy; Herbert Habeeb; Mason Hale; Kazimierz Karczmarz; Ursula Metzger; William Randolph Taylor; John W. Thomson; Frans Verdoorn; William A. Weber; Antonin Vězda.

Finally, if it were appropriate to dedicate a work of this kind, it would be to the following persons who have encouraged it and sustained it throughout. To Dr. William C. Steere, who supported it from its inception to its conclusion. To Dr. Willem Margadant, whose impeccable files of references and citations have been

a constant help. To Dr. Ruth Z. Temple, whose experience in European scholarly research relieved me of the logistics of three periods of peripatetic investigation.

ABBREVIATIONS

Titles of journals are abbreviated in accordance with the recommendations of Schwarten and Rickett in Bull. Torrey Club **85:** 277–300, 1958 and **88:** 1–10, 1961. Certain other serials and books are cited in briefer form and may not be so easily recognized.

AVB.	Allgemeines Verzeichniss der Bücher. Title changes, often catalogued as Messkatalog. Leipzig, 1621–1860.
Catal. Libr. BMNH.	Catalogue of the books . . . in the British Museum (Natural History). 7 volumes. London, 1903–1940.
Culberson.	Culberson, William L. "Lichenes exsiccati" in herbariis Americae septentrionalis asservati. Bryologist **62:** 45–52. 1959.
Herbarium.	Herbarium; Organ zur Förderung des Austausches wissenschaftlicher Exsiccatensammlungen. Verlag Theodor Weigel. Numbers 1–86. Leipzig, 1908–1932.
Hinrichs.	Allgemeine Bibliographie für Deutschland. Title changes to: Vierteljahrs-Catalog aller neuen Erscheinungen . . Then: Halbjarhrs-Katalog . J. C. Hinrichs. Leipzig, 1844–1915.
Hist. Coll. BM.	History of the Collections Contained in the Natural History Department of the British Museum. 2 volumes. London, 1904–1912.
Jackson.	Jackson, Benjamin Daydon. Guide to the Literature of Botany. London, 1881. Reprinted New York, 1964.
Krok.	Krok, Th. O. B. N. Svensk botanisk Literatur 1859–64. Lund, 1865. Annually in Bot. Notiser through 1906.
Lindau and Sydow.	Lindau, Gustav, and P. Sydow. Thesaurus litteraturae mycologicae et lichenologicae. 4 volumes. Lipsiae, 1907–1915. For dating exsiccatae, I have usually preferred Sydow, below.
Lynge.	Lynge, B. Index specierum et varietatum lichenum quae collectionibus "Lichenes Exsiccati" distributae sunt. First published in Nytt. Mag. Naturvidensk., 1915–1918, 1920–1922, and 1939. Issued also separately paged. I have used the latter.
Pritzel.	Pritzel, G. A. Thesaurus litteraturae botanicae. Ed. nov. Lipsiae, 1872–1877. Reprinted Milano, 1950.
Sydow.	Sydow, Paul. Deutscher Botaniker Kalendar 1899. Berlin, 1899.
Wikström.	Wikström, J. E. Conspectus litteraturae botanicae in Suecia. Holmiae, 1831.

I. GENERAL CRYPTOGAMS

Allorge, Valentine Sélitsky (1888–x), and Pierre Allorge (1891–1944).

CRYPTOGAMES DE L'EMPIRE COLONIAL FRANÇAIS. Exsiccata publiée par le Laboratoire de Cryptogamie du Muséum d'Histoire Naturelle. Series A-C, 60 numbers. Paris, 1938–1949.

(Series C has the title Cryptogames de L'Empire français d'outre-mer)
H, M

DATES OF PUBLICATION: From title pages.

Series	Numbers	Date
A	1–20	1 Sep 1938
B	1–20	1 Mai 1947
C	1–20	1 Jul 1949

INDEX: A list accompanied the sets.

REFERENCE: Series C in Rev. Bryol. Lichénol. **18:** 182. 1949.

LABELS: Title only printed; series number, specimen number, name, authority, and collecting data in typewriting. C 1 *Micropterygium carinatum* (Grev.) Reimers. FH, PC

REMARKS: Issued in packets.

Andres, Heinrich (1883–x).

DR. PHIL. WIRTGEN: HERBARIUM PLANTAE CRITICAE, SELECTAE, HYBRIDAE FLORAE RHENANAE. Edit. Nov. H. Andres.
H, M (+?)

DATES OF PUBLICATION: Fascicle 8, numbers 351–400, all mosses, was announced in Hedwigia Beibl. **70:** (73), Jun 1930, and Fascicle 15, numbers 701–750, all hepatics, in Hedwigia Beibl. **73:** (83), Mar 1933. At PC I have seen a number 1017. FH accessioned numbers 1–100, all fungi, on 19 Mai 1939.

REFERENCES: Philipp Wilhelm Wirtgen (1806–1870) distributed many sets of dried plants. The original edition of this exsiccata is dated 1867–1871 in Hist. Coll. BM. Fascicles 1–2, of pteridophytes and phanerogams, were reviewed in Bot. Zeit. **24:** 62, Feb 1866. There is an obituary of Wirtgen in Bull. Soc. Bot. Belg. **10:** 42–48, 1871.

LABELS: Printed, with title, number, name, authority citations, collecting data. *Sphagnum girgensohnii* Russ. NY, PC

REMARKS: Hedwigia Beibl. **49:** (132), 1910, noted the publication in 1909 of a similarly named but apparently unrelated set, Flora exsiccata Rhenanana, Fascicle 1, numbers 1–100, Ludwigshafen-Mannheim. Numbers 85–100 were cryptogams.

Annenkov, Nicolas Ivanovich (1819–ca 1890).

FLORA MOSQUENSES EXSICCATA. Centuries I–IV, 500 numbers. Moscou, 1849–1851.

A, L, M

DATES OF PUBLICATION: From Mikutowicz, Bryotheca Baltica, 1910. Each century is numbered 1–100. There are five to ten cryptogams (excluding fungi) in each.

INDEX: Centuries IV and V in Annenkov, Flora Mosquenses exsiccata, Bull. Soc. Nat. Moscou **24:** 347–355, 1851.

REFERENCE: Annenkov. Sur les plantes indigènes des environs du Moscou. Bull. Soc. Nat. Moscou **24:** 229–268, 519–553. 1851.

LABELS: Non vidi. See **4:** 96 *Peltigera malacca* Ach.; **5:** 92 *Polytrichum commune* L.; **5:** 100 *Rhytisma Andromedae* Fr.

Baenitz, Carl Gabriel (1837–1913).

HERBARIUM EUROPAEUM. Fascicles I–CXXII, numbers 1–10, 522. Königsberg i Pr. and Breslau, 1867,1900.

A, L, H, M

DATES OF PUBLICATION: I have taken the total numbers from Lindau and Sydow and the end date from the advertisement of Fascicle 122 in Oesterr. Bot. Zeit. **50:** 460, 1900. The beginning date I deduce from the remark in Hedwigia Beibl. **39:** (70), 1900, that it is the 33rd year of the set.

INDEX: Issues with crytogams were usually reviewed in Hedwigia.

LABELS: Printed except for the number, which may have been filled in by the owner, although some of the reviews give numbers. Title, name, authority, collecting data. 6727 *Bryum lacustre* var *angustifolium* Ruthe, var nov, not described.

REMARKS: Baenitz issued several other exsiccatae, one with Lasch, q.v.

Baker, John Gilbert (1834–1920).

PLANTS OF NORTH YORKSHIRE.

DATE OF PUBLICATION: Hist. Coll. BM cites 110 specimens of British plants received in 1887 and 1888.

LABELS: Title only printed; number, name and data handwritten. 100 *Neckera crispa.* BM

REMARKS: Two identical specimens at BM, acquired from different sources, indicate that the set is not unique.

Baker was the author of North Yorkshire: Studies of its Botany, Geology, Climate, and Physical Geography, 353 p., 1863 (ed. 2, 1888).

Bartling, Friedrich Gottlieb (1798–1875), and Georg Ernst Ludwig Hampe (1795–1880).

VEGETABILIA CELLULARIA IN GERMANIA SEPTENTRIONALI PRAESERTIM IN HERCYNIA ET IN AGRO GOTTINGENSI. Göttingen (Vanderhoek & Ruprecht), 1832–1845.

L, H, M

DATES OF PUBLICATION: Index Herb. **2**(1): 58. 1954.

The set is divided into sections: A, Musci; B, Hepaticae; C, Lichenes. Within these, the decades are serially numbered (e.g., Lichenes Decades 1–8). Several decades, representing several sections, were issued at one time. I have not been able to trace the date of each issue. The earliest reference I have found is in Flora **15**(2) Intell. 4: 38–40, 1832, which reviews the first and second decades of Musci, the first decade of Hepaticae, and the first decade of Lichenes. The last review I find is in Bot. Zeit. **3:** 534–536, 8 Aug 1845, which includes Decades 17–23 of Musci, Decade 8 of Hepaticae and Decade 7 of Lichenes. Lynge, however, cites 8 decades of lichens.

INDEX: A list of species accompanied each decade. Lichens in Lynge 96–97. Lists of some decades are given in reviews; besides those above, see Flora Lit. Ber. **1839:** (127) and Linnaea **13:** 336, 1839.

REFERENCE: Hampe was the author of Prodromus florae Hercynicae, 90 p., 1836 and Nachträge, 1842.

LABELS: Printed, without title, with number, name, authority; locality and habitat in Latin. 121 *Sphagnum contortum* var *fluitans*, no author, no description.

BM, K, L, PC

REMARKS: This set is attributed to Hampe alone by various authors, including Sydow 117 and 124 (Lichenes), and the place of publication, Blankenburg (where Hampe was a pharmacist). Both authors are given in the prospectus in Flora **15**(2) Intell. 4: 38–40, 1832, the price 10 gr. per decade. At PC and in Lynge the authors are given as F. Th. Bartling and Eduard Hampe.

The set at PC is in a portfolio, each decade in a gray cover, with title page and list of contents pasted on. The specimens are in packets. Neither this nor any other set I have seen is complete.

Baxter, William (1787–1871).

STIRPES CRYPTOGAMAE OXONIENSES, OR DRIED SPECIMENS OF CRYPTOGAMOUS PLANTS COLLECTED IN THE VICINITY OF OXFORD. Fascicle I, numbers 1–50. Oxford (Tallboys and Wheeler), 1825. Fascicle II, numbers 51–100, Oxford (Tallboys), 1828.

A, L, H, M

DATES OF PUBLICATION: From title pages.

INDEX: Table of contents, without authorities; lichens in Lynge 97.

REFERENCES: Bibliography of Baxter in Gard. Chron. **1871:** 1426–1427. Stafleu, Taxonomic Literature, 1967, p. 23; Margadant, Early Bryological Literature, 1968, p. 53–54.

LABELS: Printed, with number, name, authority, citations, habitat. No new taxa. 6 *Grimmia pulvinata* E.B. 1728. The reference is to Smith and Sowerby's English Botany, 1790–1814. BM, NY

REMARKS: The set is often catalogued in libraries. It consists of an 8vo book cover with leather spine, into which are laid pages to which the plants are fastened. A third fascicle was announced in the preface to the second, but apparently was never issued.

Bellynck, August Alexis Adolphe Alexandre (1814–1877).

CRYPTOGAMES RECUEILLIES DANS LA PROVINCE DE NAMUR PAR A. BELLYNCK, DE LA COMPAGNIE DE JÉSUS. Centuries I–II, numbers 1–200. Namur, 1852.

DATE OF PUBLICATION: October 1852 on title page, according to Lynge 98.

INDEX: Lichens in Lynge 98.

REFERENCE: Bellynck. Catalogue des cryptogames observées dans les environs de Namur. Bull. Acad. Sci. Bruxelles **19:** 45–81. 1852.

LABELS: Non vidi. See 66 *Baeomyces rufus* DC.

Bescherer, Julius (?–1849).

CRYPTOGAMEN SAMMLUNG VON PILZEN, FLECHTEN, ALGEN, MOOSEN UND FARREN, FÜR SCHULEN UND FREUNDE DER PFLANZENKUNDE. Dresden und Leipzig (Arnold), 1841.

Non vidi. Reference: Herbarium 33. 1913.

Breutel, Johann Christian (1788–1875).

FLORA GERMANICA EXSICCATA. Serie II. Cryptogamia. Centuries I–V, numbers 1–500. Leipzig (Hofmeister), 1832–1862.

(The first century was issued as Century III of Reichenbach's Flora germanica exsiccata [Centuries I–XXVI, 1830–1846; issues dated in Hinrichs and AVB], which otherwise consisted of phanerogams and *Chara*).

A, L, H, M

DATES OF PUBLICATION:

Century	Numbers	Date
1	1–100	1832, Flora **16** Intell. 1: 3–10. 1833 (listed); AVB **1883** (Easter): 62.

This issue was announced for 1831, following Reichenbach's Century 2 (Flora **14:** 137–143. 1831), but actually appeared with Century 5. However, most of the century was destroyed by fire in Dresden (Flora **42:** 574. 1859) and a new issue, not identical with the original, was made in 1860 (Flora **43:** 560. 21 Sep 1860). This second issue has titles on the labels as follows: numbers 1–18, Breutel Alg. exsicc.; numbers 19–84, Breutel Musci frond. exsicc.; numbers 85–92, Breutel Hepat. exsicc.; numbers 93–100, Breutel Crypt. vasc. exsicc.

2 101–200 1843, in handwriting at FH; AVB **1842–43** (Michelmas-Easter): 90.

The labels have no titles, the specimens are: numbers 101–120, lichens; 121–135, algae; 136–185, mosses; 186–190, hepatics; 191–200, vascular cryptogams.

Nachtrag 19, 21, 27, 28, 88, and one without number. These numbers do not correspond with those of the second issue of Century 1.

3 201–300 1849, at FH; AVB **1849** (Easter): 59; Hinrichs **4:** 228. (third quarter) 1849.

Numbers 201–205, lichens; 206–240, algae; 241–248, hepatics; 249–298, mosses; 299–300, vascular cryptogams. No titles.

Nachtrag 225 and one without number.

4 301–400 1859, at FH; Flora **42:** 563–566. 1859 (listed).

Numbers 301–310, lichens; 311–330, algae; 331–340, hepatics; 341–390, mosses; 391–400, vascular cryptogams. No titles.

5 401–500 1862, Flora **45:** 575. 31 Dec 1862; announced as soon to be issued in Flora **43:** 560. 1860.

The labels have titles as in the second issue of Century 1. Numbers 401–413, lichens; 414–437, algae; 438–439, hepatics; 440–487, mosses; 488–500, vascular cryptogams.

Nachtrag und Berichtigungen (one unnumbered specimen and notes relative to Centuries 2 and 4).

INDEX: Centuries 1 and 4 listed in Flora; lichens in Lynge 101–102.

LABELS: Printed, with number, name, authority, some citations and synonymy, habitat or place, collector, occasional remarks in German. For title see above. 169 *Mnium spinulosum*, Schwäg.; 205 *Cladonia Floerkeana* Fries,

BM, FH, L, NY, PC

REMARKS: Except for this set, all the collections of Breutel which I have seen are without serial numbers. The following titles appear on labels, or were offered for sale, mostly by Hohenhacker, between 1859 and 1868.

Cryptogamae Europaeae.
Plantae Groenlandicae.
Plantae Italianae.
Flora Etrusca.
Lichenes Africae australis et Indiae occidentalis.
Lichenes Germanici.
Lichenes Groenlandici.
Musci frondosi Africae australis.
Musci Capenses.
Musci frondosi et Hepaticae Groenlandicae et terr. Labrador.
Musci frondosi et Hepaticae Germanicae.

Brockmüller, Hans Joachim Heinrich (1821–1882).

MECKLENBURGISCHE KRYPTOGAMEN. Unter Mitwirkung mehrer Botaniker gesammelt und herausgegben von H. Brockmüller. Fascicles I–VI, numbers 1–300. Schwerin (Bärensprung), 1862–1868.
A, L, H, M

DATES OF PUBLICATION:

Fascicle	Numbers	Date	Bot. Zeit.
1	1–50	1862	**20:** 168. 23 Mai 1862 and **20:** 254–255. 8 Aug 1862
2	51–100	1862	**21:** 284. 18 Sep 1863
3	101–150	1863	**22:** 156. 27 Mai 1864
4	151–200	1863	**22:** 162. 3 Jun 1864
5	201–250	1865	**24:** 394–395. 14 Dec 1866
6	251–300	1868	**27:** 488. 16 Jul 1869

INDEX: Fascicles 1–5 in Bot. Zeit. reviews above. Lichens in Lynge 120–121.

REFERENCES: Brockmüller, Beiträge zur Kryptogamen-Flora Mecklenburgs, 96 p., 1863 (separate from Archiv Ver. Freunde Naturg. Mecklenb. volume 17). Brockmüller, Die Laubmoose Mecklenburgs, 170 p., 1869.

LABELS: Printed, with title, fascicle number, number, name, authority, citations, collecting data. 19 *Cladonia fimbriata* f *cornuta* Flk. G, L, NY

REMARKS: The set could be purchased in either 8vo or folio.

Clements, Frederic Edward (1874–1945), and Edith Gertrude Schwartz Clements (1877–1899).

CRYTOGAMAE FORMATIONUM COLORADENSIUM. Centuries I–VI, numbers 1–614. 1905–1908.
L, H, M

DATES OF PUBLICATION: From accession lists at NY.

Centuries	Numbers	Date	Jour. N. Y. Bot. Garden
1–2	1–200	Feb 1906	**7:** 124. 1906
3–4	201–400	Apr 1907	**8:** 122. 1907
5–6	401–614	Jun 1908	**9:** 134. 1908

REFERENCE: Ewan, Rocky Mountain Naturalists, 1950, p. 183–184.

LABELS: Printed, with title, number, name, authority, comment in Latin, collecting data. 197 *Didymodon rubellus* Hook. FH, NY

REMARKS: The set contains mostly fungi. The Clementses also issued Herbaria Formationum Coloradensium in 1901, which contained phanerogams only.

Croall, Alexander (1809–1885).

PLANTS OF BRAEMAR, OR DRIED SPECIMENS OF THE PLANTS ILLUSTRATIVE OF THE FLORA OF BRAEMAR, NORTH BRITAIN, CAREFULLY NAMED AND ARRANGED ACCORDING TO THE NATURAL ORDERS, AS GIVEN IN HOOKER AND AR-

NOTT'S "BRITISH FLORA." Fascicles I–VI, numbers 1–602. Montrose (Rogers), 1857.

L, H, M

Date of Publication: The title page of Fascicle 6 at BM is dated 1857; it was accessioned in 1858. From a comparison of collecting dates in different fascicles it seems probable that the whole set was issued at one time.

Labels: Printed, with title, number, name and authority, English name, reference to Hooker and Arnott, or to Hooker's Flora Britannica. 367 *Sphagnum squarrosum* Web. & Mohr. BM, K

Remarks: There is an intact set of the lichens only, with scattered numbers from 96 to 602, at BM; other specimens are distributed in the herbarium.

CRYPTOGAMS DISTRIBUTED BY THE FARLOW HERBARIUM OF HARVARD UNIVERSITY. Reliquiae Farlowianae. Numbers 1–1000. Cambridge, Mass., 1922–1937.

L, H, M

Dates of Publication: Data from Ursula Metzger of the Farlow Herbarium.

Numbers 1–600. 25 Feb 1922. Roland Thaxter (1858–1932), editor. Actually 693 specimens.

Numbers 601–700. 24 Sep 1934. David Hunt Linder (1899–1946), editor; issued as a memorial to Roland Thaxter.

Numbers 701–800. 1 Feb 1937. Linder, editor.
Numbers 801–900. 1 Mai 1939. Linder, editor.
Numbers 901–1000. 15 Mar 1946. Linder, editor.

Index: Accompanied the issues. Numbers 451–490 and 649–657 are lichens; numbers 491–540 are hepatics; numbers 541–600 are mosses; the rest of the set is made up of fungi.

References: Thaxter, Mycologia **14:** 99–103, 1922, describes new taxa. Linder, Jour. Arnold Arb. **15:** 259–262. 1934.

Labels: Printed, with title, class of plant, number, name, authority and collecting data. Type species indicated. 550 *Sphagnum Wulfianum* Grev.
FH, G, NY, PC

Remarks: William Gilson Farlow (1844–1919) had accumulated specimens for an exsiccata, and most of the first 600 specimens were his.

Issued in packets, by exchange, sale and gift. The present records show that there were 22 copies of the first issue, 35 copies of the second, third, and fourth, 36 of the seventh, and 11 copies of the fifth.

Desmazières, Jean Baptiste Henri Joseph (1796–1862).

PLANTES CRYPTOGAMES DU NORD DE LA FRANCE. Ed. 1, Fascicles I–XLIV, numbers 1–2200. Lille (Leleux), 1825–1851. Ed. 2, Series 1, Fascicles I–XXXVII, numbers 1–1850. Lille (Leleux), 1836–1851. Ed. 2, Series 2, Fascicles I–XVI, numbers 1–800. Lille (Leleux), 1853–1861.

(Title from Fascicle 17 of ed. 1 on: Plantes cryptogames de France.) A, L, H, M

DATES OF PUBLICATION: From title pages. The specimens in the first edition and in the first series of the second edition represent identical taxa and from 1836 were being issued simultaneously. However, many of the fascicles do not correspond in the two editions. Fascicles 17 and 18 of ed. 1 have the same species as Fascicles 1 and 2 of ed. 2(1), but Fascicle 19 of ed. 1 has the species of Fascicle 5 of ed. 2(1). Fascicles 3 and 4 of ed. 2(1), as well as other intercalated fascicles, are made up of species which had already been issued in Fascicles 1–16 of ed. 1. These correlations were worked out by J. H. Barnhart of the New York Botanical Garden and are written into the indices of the NY copy. In the following table, Barnhart's correlation is indicated by placing identical fascicles of the two editions on the same line.

Edition 1			Edition 2(1)		
Fascicle	Numbers	Date	Fascicle	Numbers	Date
1	1–50	Jan 1825 (27 Aug in Bibl. France)	1	1–50	1836
2	51–100	1825	2	51–100	1837
3	101–150	1826	3	101–150	1838
4	151–200	1826	4	151–200	1839
5	201–250	1827	5	201–250	1838
6	251–300	1828	6	251–300	1838
7	301–350	1828	7	301–350	1839
8	351–400	1829	8	351–400	1839
9	401–450	1829	9	401–450	1840
10	451–500	1830	10	451–500	1840
11	501–550	1831	11	501–550	1841
12	551–600	1832 (on spine)	12	551–600	1841
13	601–650	1833	14	651–700	1842
14	651–700	1834	13	601–650	1842
15	701–750	1834	16	751–800	1843
16	751–800	1836	15	701–750	1843
17	801–850	1836			
18	851–900	1837			
19	901–950	1838			
20	951–1000	1839			
21	1001–1050	1839			
22	1051–1100	1840			
23	1101–1150	1841			
24	1151–1200	1842			
25	1201–1250	1842			
26	1251–1300	1843			
27	1301–1350	1843			

Edition 1			Edition 2(1)		
Fascicle	Numbers	Date	Fascicle	Numbers	Date
			17	801–850	1843
28	1351–1400	1845	18	851–900	1845
29	1401–1450	1845	19	901–950	1845
			20	951–1000	1845
30	1451–1500	1846	22	1051–1100	1846
31	1501–1550	1846	21	1001–1050	1846
			23	1101–1150	1846
32	1551–1600	1847	24	1151–1200	1847
33	1601–1650	1847	25	1201–1250	1847
			26	1251–1300	1847
34	1651–1700	1848	28	1351–1400	1848
35	1701–1750	1848	27	1301–1350	1848
36	1751–1800	1849	29	1401–1450	1848
37	1801–1850	1849	31	1501–1550	1849
38	1851–1900	1849	30	1451–1500	1849
39	1901–1950	1849	32	1551–1600	1849
40	1951–2000	1850	34	1651–1700	1850
41	2001–2050	1850	33	1601–1650	1850
42	2051–2100	1850	36	1751–1800	1851
43	2101–2150	1851	35	1701–1750	1850
44	2151–2200	1851	37	1801–1850	1851

Edition 2(2)
(Also called Series 3, or Ed. 3)

Fascicle	Numbers	Title page date	Bibl. France
1–2	1–100	1853	26 Feb 1853
3–4	101–200	1854	5 Aug 1854
5–6	201–300	1855	17 Feb 1855
7–8	301–400	1856	19 Apr 1856
9–10	401–500	1857	21 Mar 1857
11–12	501–600	1858	20 Mar 1858
13–14	601–700	1859	30 Apr 1859
15–16	701–800	1860	

(Fascicle 16 has 1861 written on spine and index)

INDEX: Alphabetical indices were issued as separate booklets and are usually found bound together. The index of Fascicles 1 and 2 of ed. 2(1) consists of the index of Fascicle 1 of ed. 1 with the numbers marked over in ink; Fascicle 3 has a handwritten index.

Some fascicles were listed in Bull. Soc. Bot. Fr., and some new taxa were published in Ann. Sci. Nat. Bot. Lichens in Lynge 150–160.

REFERENCE: A thorough analytical description of this set is in Margadant, Early Bryological Literature, 1968, p. 87–90.

LABELS: Printed, with number, name, authority, synonymy and often descriptive comments. Most new taxa are described in French (1381 *Jungermannia attenuata* var *gradata* Desm.) but some are not (110 *Navicula oculata* De Bréb. in litt.). BM, FH, G, K, NY, PC

REMARKS: Issued in bound quarto volumes, the binding of ed. 1 and of ed. 2(1) is beige, of 2(2) dark blue.

The obituary of Desmazières in Bull. Soc. Bot. Fr. **9**: 321, 1862, states that the third series had reached number 950 at his death and that much material for further issues was left. However, I find only 800 numbers, as does Ind. Herb. **2**(1): 160.

Dickson, James (1738–1822).

A COLLECTION OF DRIED PLANTS, NAMED ON THE AUTHORITY OF THE LINNEAN HERBARIUM AND OTHER ORIGINAL COLLECTIONS. Fascicles I–IV, numbers 1–100. London, 1789–1791.

L, H, M

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–25	1789
2	26–50	1790
3	51–75	1791
4	76–100	1791

INDEX: Each fascicle has a printed index, without authorities; nonvascular cryptogams form the later numbers of each fascicle, except for the third, which is all phanerogams. Since the sets are rare, I give the cryptogams (excluding ferns) in full:

Fascicle 1: 17 *Fontinalis minor;* 18 *F. secunda;* 19 *Hypnum Smithii;* 20 *Targionia hypophylla;* 21 *Lichen crysopthalmus;* 22 *L. caperatus;* 23 *L. laetevirens;* 24 *L. miniatus;* 25 *Byssus aurea.*

Fascicle 2: 47 *Bryum rigidum;* 48 *B. tortuosum;* 49 *Lichen frigidus;* 50. *L. croceus.*

Fascicle 4: 91 *Splachnum mnioides;* 92 *Bryum glaucum;* 93 *B. capillaceum;* 94 *B. Weisia;* 95 *B. curvirostrum;* 96 *Hypnum dendroides;* 97 *H. sciuroides;* 98 *Blasia pusilla;* 99 *Lichen muscorum;* 100 *Lycoperdon pedunculatum.*

REFERENCES: Dickson, Fasciculus plantarum cryptogamicarum Britanniae, Fascicles 1–4, 1785–1801, cites specimens and describes taxa from this and the other exsiccata of Dickson (Hortus siccus britannicus, q. v.).

The title pages of these three publications may be considered together:

Fasc. pl. crypt.	Coll. Dried Pl.	Hort. siccus
Fascicle 1, 1785		
	Fascicle 1, 1789	
Fascicle 2, 1790	Fascicle 2, 1790	
	Fascicle 3, 1791	
	Fascicle 4, 1791	
Fascicle 3, 1793		
		Fascicles 1–4, 1793
		Fascicles 5–7, 1794
		Fascicles 8–10, 1795
		Fascicles 11–12, 1796
		Fascicle 13, 1797
		Fascicles 14–16, 1798
		Fascicle 17, 1799
Fascicle 4, 1801		
		Fascicles 18–19, 1802

Hypnum Smithii is number 19 of A Collection of Dried Plants (1789); it is first described in Fasciculus plantarum, Fascicle 2 (1790); this being pre-starting-point, it is validated in Hedwig's Species muscorum (1801).

Bridel, Bryologia universa, 1826–1827, cites the specimens of Musci from both of Dickson's exsiccatae; Lynge, p. 160–161, names the lichens.

LABELS: Printed, without title; number, name, abbreviated authority in italics, collector, place and rarely date of collection. No descriptions. Dickson's later set, Hortus siccus britannicus, has no author's names on the labels.

BM, K

REMARKS: BM has both the Banks and the Smith copies of both these sets, in bound 4° volumes. There are also copies in the library at Kew, and incomplete copies at BM Bloomsbury. At Geneva there is a group of 21 unnumbered Dickson specimens (see Baehni in Candollea **8:** 181–189, 1941), but they do not seem to belong to either of these exsiccatae.

The preface to Fascicle 1 of A Collection of Dried Plants says that 50 copies were prepared.

Dickson, James (1738–1822).

HORTUS SICCUS BRITANNICUS, BEING A COLLECTION OF DRIED BRITISH PLANTS, NAMED ON THE AUTHORITY OF THE LINNEAN HERBARIUM AND OTHER ORIGINAL COLLECTIONS. Fascicles I–XIX, 475 numbers. London, 1793–1802.

A, L, H, M

DATES OF PUBLICATION: See under References, Dickson, A Collection of Dried Plants. Fascicle 13 is dated 1797, not 1798 as in Lynge.

INDEX: Each fascicle has a printed index. Nonvascular cryptogams are:

Fascicle 1: 19 *Bryum Zierii;* 20 *B. Convolutum;* 21 *Hypnum asplenioides;* 22 *H. pennatum;* 23 *H. rugosum;* 24 *H. nitens;* 25 *Jungermannia angulosa.*

Fascicle 2: 20 *Buxbaumia foliosa, Phascum montanum,* and *P. maximum;* 21 *Bryum calcareum;* 22 *Hypnum lucens;* 23 *H. crispum;* 24 *Lichen Oederi;* 25 *L. Stygius.*

Fascicle 3: 20 *Bryum ovatum;* 21 *B. trichodes;* 22 *Hypnum Scorpioides;* 23 *Jungermannia alpina;* 24 *Lichin* (sic) *Burgessii;* 25 *L. Squamatus.*

Fascicle 4: 19 *Hypnum curtipendulum;* 20 *Phascum curvicollum;* 21 *Marchantia androgyna;* 22 *Bryum pyriforme;* 23 *B. hornum;* 24 *Lichen crocatus;* 25 *L. fusco-futeus* (sic).

Fascicle 5: 19 *Bryum verticillatum;* 20 *B. laterale;* 21 *Hypnum albicans;* 22 *H. plumosum;* 23 *Lichen ventosus;* 24 *L. coccineus;* 25 *Fontinalis squamosa.*

Fascicle 6: 19 *Mnium arcatum;* 20 — *aciculare;* 21 *Bryum unguiculatum;* 22 *Hypnum undulatum;* 23 *H. stellatum;* 24 *Lichen cartilagineus* Light.; 25 *L. fuscus* Hud.

Fascicle 7: 20 *Hypnum cuspidatum;* 21 *H. loreum;* 22 *Jungermannia epiphylla;* 23 *J. rupestris;* 24 *Lichen ciliaris;* 25 *L. gelidus.*

Fascicle 8: 18 *Bryum extinctorium;* 19 *B. aureus;* 20 *B. virens;* 21

Hypnum cupressiforme; 22 *H. viticulosum;* 23 *Lichen fragilis;* 24 *L. caeruleonigricans;* 25 *L. decipiens.*

Fascicle 9: 19 *Bryum flexuosum;* 20 *B. viridulum;* 21 *Hypnum lutescens;* 22 *H. pulchellum;* 23 *Lichen pallidus;* 24 *L. Endivifolius;* 25 *L. radiatus Hud.*

Fascicle 10: 19 *Bryum undulatum;* 20 *Bryum pomiforme;* 21 *B. fasciculare;* 22 *Hypnum adiantoides;* 23 *Lichen parellus;* 24 *L. coerulescens;* 25 *L. venosus.*

Fascicle 11: 17 *Bryum scoparium;* 18 *B. lanceolatum;* 19 *B. brevifolium;* 20 *Hypnum Crista castrensis;* 21 *H. stramineum;* 22 *Lichen nigrescens;* 23 *L. Diffusus;* 24 *L. Paschalis;* 25 *L. floridus.*

Fascicle 12: 19 *Polytrichum alpinum;* 20 *P. urnigerum;* 21 *Mnium osmundaceum;* 22 *Bryum pellucidum;* 23 *B. heteromallum;* 24 *Lichen fraxineus;* 25 *L. Saccatus.*

Fascicle 13: 21 *Hypnum dendroides;* 22 *H. alopecurum;* 23 *H. dubium;* 24 *Lichen canescens;* 25 *Conferva atra.*

Fascicle 14: 19 *Bryum subulatum;* 20 *B. simplex;* 21 *Hypnum proliferum;* 22 *Lichen saxatilis;* 23 *L. fahlunensis;* 24 *L. articulatus;* 25 *Conferva reticulata.*

Fascicle 15: 18 *Bryum rurale;* 19 *B. argenteum;* 20 *Riccia cristallina;* 21 *R. natans;* 22 *Lichen rupicola;* 23 *L. lentigerus;* 24 *L. rimosus;* 25 *Conferva reticulata.*

Fascicle 16: 21 *Hypnum triquetrum;* 22 *H. fluitans;* 23 *Lichen resupinatus;* 24 *L. horizontalis;* 25 *Fucus coccineus.*

Fascicle 17: 19 *Polytrichum commune;* 20 *Bryum acutum;* 21 *B. simplex;* 22 *Lichen omphaloides;* 23 *L. farinaceus;* 24 *Fucus nodosus;* 25 *Conferva fluviatilis.*

Fascicle 18: 23 *Riccia fluitans;* 24 *Lichen fulgens;* 25 *Conferva diaphana.*

Fascicle 19: 21 *Hypnum purum;* 22 *H. parietinum;* 23 *Bryum diviesii* (sic); 24 *Lichen islandicus;* 25 *Fucus cartilagenius.*

REFERENCES: See Dickson, A Collection of Dried Plants. In the preface to the first fascicle of Hortus siccus, the author states that all the plants described in his Fasciculus plantarum cryptogamicarum will be illustrated in this exsiccata. Two fascicles of the book preceded this set; the third fascicle of the book "will be published in the spring" (1793). But the third fascicle of the book is not cited in the exsiccata until Fascicle 5.

In Bridel's Bryologia universa this set is often referred to as "Herb. sicc."

LABELS: Printed, with no titles and no authorities, only number, name of plant, and habitat or locality. Labels in later fascicles are printed on paper in which a row of ornaments may appear down the left-hand side. BM, FH

REMARKS: J. E. Smith's copy at BM is bound in with A Collection of Dried Plants, and lacks Fascicle 19. Banks's copy is intact in four bound 4° volumes with title pages.

Dietrich, David Nathaniel Friedrich (1799–1888).

HERBARIUM FLORAE GERMANICAE, ODER DEUTSCHLANDS FLORA IN GETROCKNETEN EXEMPLAREN. Cryptogamen. Jena, 1830–?

Issues of 150 numbers each are reported at three-month intervals in AVB from 1830. I do not know how long the publication lasted, but the first issue of a second edition is announced in AVB **1849**(I): 54.

Dietrich also issued Sammlung deutscher Laubmoose, Lebermoose, und Flechten, in at least 8 parts from before 1851 (Fascicle 3, 300 species, Herbarium 83. 1930) to 1858 (Fascicle 8, Hinrichs **15:** 155. 1860). NY has 100 lichens of this set, dated 1858, unnumbered. The first specimen is *Peltigera canina* Hoffm.

Don, George (1764–1814).

HERBARIUM BRITANNICUM, CONSISTING OF FASCICULI OF DRIED BRITISH PLANTS, WITH THEIR APPROPRIATE NAMES AND PARTICULAR HABITS ANNEXED. Fascicles I–IX, numbers 1–225. Edinburgh (Neill; Fascicles 7–9, Johnstone), 1804–1812 (or 1813).

A, L, M

Dates of Publication: From title pages and Druce, The life and work of George Don, Notes of the Royal Bot. Garden Edinb. **12,** 1904.

Fascicle	Numbers	Title Page	Druce
1	1–25	1804	Jul 1804
2	26–50	1805	1804, but at BM 1805 is written in
3	51–75	1805	1805
4	76–100	1805	1805
5	101–125	1806	1806
6	126–150	1806	1806
7	151–175	1806	1810
8	176–200	1806	1810
9	201–225	1805 (an earlier title page was used)	1812 or 1813

Index: In Druce, p. 144–182; names of mosses were checked by H. N. Dixon and their nomenclature brought up to date.

The nonvascular cryptogams are:

Fascicle 1: 21 *Splachnum sphaericum;* 22 *Polytrichum alpinum;* 23 *Trichostomum capillaceum;* 24 *Grimmia conostoma;* 25 *Lichen sphaerocephalus.*

Fascicle 2: 45 *Phascum piliferum;* 46 *Splachnum tenue;* 47 *Grimmia nuda;* 48 *Orthotrichum aristatum;* 49 *Polytrichum subrotundum;* 50 *Lichen atrofuscus.*

Fascicle 3: 70 *Phascum cuspidatum;* 71 *Gymnostomum ovatum;* 72 *Grimmia donniana;* 73 *Dicranum fuscescens;* 74 *D. rufescens;* 75 *Lichen Fahlunensis.*

Fascicle 4: 97 *Fontinalis antipyretica;* 98 *Hypnum cordifolium;* 99 *Bryum dealbatum;* 100 *Lichen orosteous.*

Fascicle 5: 120 *Splachnum mnioides;* 121 *S. fastigiatum;* 122 *Grimmia recurvirostra;* 123 *Hypnum ruscifolium;* 124 *Lichen inclusis;* 125 *L. salicinus.*

Fascicle 6: 141 *Phascum stoloniferum;* 145 *Gymnostomum Donnianum;* 146 *Trichostomum fontinaloides;* 147 *Hypnum sericeum;* 148 *H. curvatum;* 149 *Bryum compactum;* 150 *Lichen fastigiatus.*

Fascicle 7: 172 *Grimmia recurvata;* 173 *G. controversa;* 174 *G. acuta;* 175 *G. heteromalla.*

Fascicle 8: 197 *Pilularia globulifera;* 198 *Hypnum lutescens;* 199 *Fucus dentatus;* 200 *F. alatus.*

Fascicle 9: 220 *Fontinalis squamosa;* 211 *Hypnum molluscum;* 222 *H. crista-castrensis;* 223 *H. Schreberi;* 224 *H. purum;* 225 *Lichen nivalis.*

REFERENCE: Reviewed in Jour. Bot. Schrader II. **1** (2) : 188. 1806.

LABELS: Printed, without title; number, name, references to Smith's English Botany and Flora Britannica, remarks on habitat and locality. BM

REMARKS: The J. E. Smith copy at BM is a bound, 4° book.

Don had a nursery garden at Forfar which, after his death, was leased to Thomas Drummond. Don's two sons, David (1799–1814) and George, Jr. (1798–1856), were also botanists. The name is sometimes written Donn, but this seems to be a confusion with James Donn (1758–1813), the author of Hortus cantabrigiensis.

Durieu de Maisonneuve, Michel Charles (1796–1878).

PLANTAE SELECTAE HISPANO-LUSITANICAE. Section I. Asturiae. Anno 1835 collectae. 1856.

H, M, +?

DATE OF PUBLICATION: From Index muscorum **3:** 158 ("Dur., Pl. Astur. n. 139," *Hypnum striatum* var *durieui* Mont.).

LABELS: Printed, with title, number, name and authority, collecting data. 86 *Andreaea rupestris* Hedw. 73 *Jungermannia trilobata* L. G, K, PC

REMARKS: Charles Magnier offered for sale in 1885 duplicates from Durieu's herbarium [Bull. Soc. Bot. Fr. **32** (2) : 48. 1885].

Ehrhart, Friedrich (1742–1795).

PHYTOPHYLACIUM EHRHARTIANUM, CONTINENS PLANTAS, QUAS IN LOCIS EARUM NATALIBUS COLLEGIT ET EXSICCAVIT FRIDERICUS EHRHART. Decades I–X, numbers 1–100. Hannoverae, 1780–1785.

L, M

DATES OF PUBLICATION: Title pages of Decades 1–8 dated 1780, of Decades 9–10, 1785. Britten (see Reference) states that Decades 1 and 2 were issued on 1 Jan, 3 and 4 on 1 Apr, 5 and 6 on 1 Jul, and 7 and 8 on 1 Oct, all in 1780; Decades 9 and 10 in 1785.

INDEX: Ehrhart. Beitr. zur Naturk. **4:** 145–150. 1789; a list of numbers 1–100, dated Sep 1788. Lichens in Lynge 161–162.

There are only 16 lichens and mosses in this predominantly phanerogamous set, as follows: 10 *Buxbaumia aphylla* Linn.; 20 *Lichen upsaliensis* Linn.; 30 *L. ventosus* Linn.; 40 *L. Icmadophila* L.; 49 *Splachnum ampullaceum* Linn.; 50 *Lichen tartarius* Linn.; 59 *Mnium triquetrum* Linn.; 60 *Lichen nivalis* Linn.; 69 *Bryum squarrosum* Linn.; 70 *Lichen miniatus* Linn.; 79 *Hypnum crispum* Linn.; 80 *Lichen velleus* Linn.; 89 *L. Baeomyces* Linn.; 90 *L. Sepincola* Ehrh.; 99 *Webera Diphyscium* Ehrh.; 100 *Lichen Papillaria* Ehrh.

REFERENCES: Britten. Friedrich Ehrhart, his exsiccatae. Jour. Bot. Lond. **60:** 318–327. 1922 and **61:** 148–151. 1923. Stafleu, Taxonomic Literature, 1967, p. 126–127.

LABELS: Printed, with number, "nomen proprium," name, authority, locality. 10 HIPPOPODIUM. *Buxbaumia aphylla* Linn. UPS

REMARKS: Paperbound books, 20×30 cm, title page on cover, one specimen to a page. Uniform with Ehrhart's Plantae cryptogamae Linneae, q.v., and Calamariae, Gramina et Tripetaloideae, 1785–1793, and Plantae selectae Hortuli Proprii, 1792–1793.

Britten says only 25 copies were issued.

Ehrhart, Friedrich (1742–1795).

PLANTAE CRYPTOGAMAE LINNEAE, QUAS IN LOCIS EARUM NATALIBUS COLLEGIT ET EXSICCAVIT FRIDERICUS EHRHART. Decades I–XXXII, numbers 1–320. Hannoverae, 1785–1795.
L, H, M

DATES OF PUBLICATION: Title page dates from copies at UPS. Ind. Herb. **2**(2): 179 states that Berlin has 34 decades.

Decades	Numbers	Title Page	
1–2	1–20	1785	
3–4	21–40	1786 (corrected from 1789)	
5–6	41–60	1787	
7–10	61–100	1788	
11–16	101–160	1789	
17–24	161–240	—	1791 in Fries, Flora **64:** 220–224. 1881
25–32	241–320	—	1794 or 1795 in Fries; 1795 in Bridel, Bryologia universa, 1826

INDEX: Decades 1–24 listed in Beitr. zur Naturk. **7:** 94–102, 1792. Lichens in Lynge 162–164.

LABELS: Printed, with number, name, authority, locality. 2 *Polytrichum alpinum* Linn. UPS

REMARKS: Bound uniformly with Ehrhart's Phytophylacium, q.v.

Ehrhart, Friedrich (1742–1795).

PLANTAE OFFICINALES. Decades I–LX, numbers 1–600. 1793.
L (+?)

DATE OF PUBLICATION: Year date given by both Lynge and Herbarium 32, 1913. Fries, Flora **62:** 220–223, 1881, states that numbers 1–460 were issued in the summer of 1793, the rest were then being prepared.

INDEX: Ten lichens in Lynge 164–165.

REFERENCE: Ehrhart. Beitr. zur Naturk. **7:** 69. 1792.

LABELS: Non vidi. See 40 *Lichen islandicus*.

Ekart, Tobias Philipp (1790–1877).

CRYPTOGAMISCHE GEWÄCHSE KOBURGS. Fascicles I–VI. Coburg, 1827–1828.
(Title of Fascicle 1 is Die Flechten, Laub- und Lebermoose, welche im Coburgschen auf dem Lande und im Wasser gefunden werden.)
L, H, M

DATES OF PUBLICATION:

Fascicle	Numbers	Date
1	1–8	1827. AVB **1827** (Jul-Dec):363
2	9–17	1828. AVB **1828** (Jan-Jun):47
3	18–26	
4	27–36	
5	?	1828. AVB **1828** (Jul-Dec):326
6	?	

INDEX: Lichens of Fascicles 1–4 in Lynge 165.

LABELS: Non vidi. See 1 *Baeomyces rangiferinus*.

REMARKS: Said to be in folio.

ERBARIO CRITTOGAMICO ITALIANO. Fascicles I–XXX, numbers 1–1500. Series II, Fascicles I–XXX, numbers 1–1500. Genova, some fascicles Milano, 1858–1885.

Authors varied over the years; those of the first fascicle were M. Anzi, F. Baglietto, L. Caldesi, A. Carestia, V. Cesati, G. de Notaris, F. Hausman, A. Malinervi, E. Marcucci, G. Passerini, A. Piccone, P. Savi, and G. Venturi.
A, L, H, M

DATES OF PUBLICATION: From title pages and from Lynge.

Fascicle	Numbers	Date
1	1–50	Feb 1858
2	51–100	Jul 1858
3	101–150	Dec 1858
4	151–200	Jun 1859
5	201–250	Jun 1859
6	251–300	Dec 1859
7	301–350	Feb 1860
8	351–400	Mai 1860
9	401–450	Aug 1860
10	451–500	Aug 1860
11	501–550	Feb 1861
12	551–600	Mai 1861
13	601–650	Aug 1861
14	651–700	Nov 1861
15	701–750	Feb 1862
16	751–800	Mai 1862
17	801–850	Jul 1862
18	851–900	Oct 1862
19	901–950	Jan 1863
20	951–1000	Jan 1863
21	1001–1050	1863
22	1051–1100	1863
23	1101–1150	1864
24	1151–1200	1864
25	1201–1250	1865
26	1251–1300	1865
27	1301–1350	1866
28	1351–1400	1866
29	1401–1450	1867
30	1451–1500	1867
	Series II	
1	1–50	Jan 1868 (Dec 1867 in Bot. Zeit. **26:** 183. 1868)
2	51–100	Mai 1868
3	101–150	Dec 1868
4	151–200	Mar 1869
5	201–250	Nov 1869
6	251–300	Feb 1870
7	301–350	Mai 1870
8	351–400	Jan 1871
9	401–450	Apr 1871
10	451–500	Jul 1871
11	501–550	Oct 1871
12	551–600	Jan 1872
13	601–650	Jun 1872
14	651–700	Mai 1878
15	701–750	Oct 1878
16	751–800	Apr 1879

Series II—*Continued*

Fascicle	Numbers	Date
17	801–850	Apr 1879
18	851–900	Nov 1879
19	901–950	1880
20	951–1000	1880
21	1001–1050	Apr 1881
22	1051–1100	Apr 1881
23	1101–1150	Mar 1882
24	1151–1200	Mar 1882
25	1201–1250	Dec 1882
26	1251–1300	Dec 1882
27	1301–1350	Feb 1884
28	1351–1400	Feb 1884
29	1401–1450	Nov 1885
30	1451–1500	Nov 1885

INDEX: Lists were published from time to time. Also Agardh, Alghe dell'Erbario crittogamico Italiano, 1881, and Bottini, Enumerazione critica dei muschi italiani, 1884. Lichens in Lynge 169–180.

LABELS: Printed; the title of the first series appears as Erbar. Crittogam. Ital., of the second Erb. Critt. Ital. Series II. Number, name, authority, citation, synonymy, collecting data. Descriptive material varies; Series II 55 *Grimmia sessitana* DNotrs is described in Latin, as is 76 *Lyngbia aeruginosa ligurnica* Savi, but Series II 63 *Ramalina pallinaria atrarioides* Bagl. is not.

FH, G, NY, STR

REMARKS: Issued in portfolios, folio size, but dimensions vary; title page on the front, index on the back.

FLORA DOMINGENSIS. Santo Domingo Commission of Inquiry. Distributed by the United States Department of Agriculture. Collected January to March, 1871, by C. Wright, C. C. Parry, and H. Brummel.

A printed label bearing this title is at FH. 21 *Sargassum hystrix* J. Ag. References: Letters of Asa Gray **2:** 617; Rodgers, American Botany 1873–1892, p. 48.

FLORA EXSICCATA AUSTRO HUNGARICA. A MUSEO BOTANICO UNIVERSITATIS VINDOBONENSIS EDITA. Fascicles I–XX (Centuries I–XL), numbers 1–4000. Wien, 1881–1913.

A, L, H, M

DATES OF PUBLICATION: From schedae.

Fascicles	Centuries	Numbers	Date	Date of Schedae
1–2	1–4	1–400	1881 (Jun, in Bot. Centralbl. **2:** 151. 1881)	1882
3–4	5–8	401–800	1882	1882
5–6	9–12	801–1200	1883	1884
7–8	13–16	1201–1600	1885	1886
9–10	17–20	1601–2000	1888	1888

Fascicles	Centuries	Numbers	Date	Date of Schedae
11–12	21–24	2001–2400	1893	1893
13–14	25–28	2401–2800	1895	1896
15–16	29–32	2801–3200	1898 (autumn)	1898–1899
17–18	33–36	3201–3600	1900–1902	1902
19–20	37–40	3601–4000	1913	Jul 1913

INDEX: Schedae were regularly published, the authors being Kerner von Marilaun for Fascicles 1–14 and thereafter K. Fritsch. Many fascicles were listed in Bot. Centralbl. and Lotos. Lichens in Lynge 201–205.

LABELS: Printed, with title, number, name, authority and citation, locality. 3113 *Andreaea petrophila* Ehrh. FH, G, K, NY, PC

REMARKS: To be found in most herbaria.

FLORA HUNGARIA EXSICCATA A SECTIONE BOTANICA MUSEI NATIONALIS HUNGARICI EDITA. Centuries I–X, numbers 1–920. Budapest, 1913–1932.
A, L, H, M

DATES OF PUBLICATION: From schedae.

Centuries	Numbers	Date	
1	1–100	1912	1913 in Lynge and Herbarium 34, 1913
2–3	101–300	1914	
4	301–400	1916	
5	401–500	1919	1921 in Herbarium 68, 1924
6	501–600	1923	1924 in Herbarium 68, 1924
7	601–700	1925	
8	701–800	1927	
9–10	801–1000	1932	

INDEX: Besides the schedae, lichens are in Lynge 205 and Suppl. 233.

REFERENCES: Centuries 1–4 were reviewed in Magyar Bot. Lapok **12:** 147, 1913; **13:** 361, 1914; **16:** 178, 1917.

LABELS: Printed, with title, century, class of plant, number, name, authority and citations, collecting data. 25 *Schistidium brunnescens* var *epilosa* Schiffn. BM, FH, G, K

FLORA LUSITANICA EXSICCATA. Centuries I–XIX, numbers 1–1900. Universitade Coîmbra, Portugal, 1886–1911.
A, L, H, M

DATES OF PUBLICATION AND INDEX: Schedae were published in Bol. Soc. Broteriana as follows:

Centuries	Numbers	
1–2	1–200	**4:** 124–128. 1886
3–4	201–400	**5:** 132–147. 1887; Hedwigia **27:** 179. Mai/Jun 1888

Centuries	Numbers	
5–6	401–600	**6:** 117–131. 1888
7–8	601–800	**7:** 93–109. 1889
9–10	801–1000	**8:** 141–158. 1890
11–12	1001–1200	**9:** 9–19. 1891
13	1201–1300	**10:** 71–81. 1893; Hedwigia Beibl. **33:** (146). Sep/Oct 1894
14	1301–1400	**11:** 161. 1895; Hedwigia Beibl. **35:** (30). Jan/Feb 1896
15	1401–1500	**14:** 164–173. 1897; Hedwigia Beibl. **37:** (144). Mai/Jun 1898
16	1501–1600	**16:** 77–80. 1899
17	1601–1700	**18:** 141–151. 1901; Hedwigia Beibl. **41:** (201). Sep/Oct 1902
18	1701–1800	**21:** 166–178. 1905
19	1801–1900	**26:** 180–189. 1911; Hedwigia Beibl. **53:** (95). Nov 1912

REFERENCES: Henriques, J. A., editor. Contributiones ad Floram Cryptogamicam Lusitanicum. Enumeratio methodica Algarum, Lichenum et Fungorum herbarii praecipue Horti Regii Bot. Universitatis Conimbricensis, 65 p., 1880. Lynge 206.

LABELS: Non vidi. See 205 *Urceolaria ocellata* Vill.

REMARKS: Centuries 1, 3, 5–8 have no cryptogams. The author of the schedae of the later centuries was J. A. Mariz.

Sydow 117 lists a set with this title under the authorship of Flagey, the date 1884.

FLORA POLONICA EXSICCATA. See under Raciborski in PART II. ALGAE and Zmuda in PART IV. BRYOPHYTA.

FLORA ROMANIAE EXSICCATA. Horto et Museo Botanico Universitatis Clujensis Edita. Cluj, 1921–1965.
A, L, H, M

DATES OF PUBLICATION: Schedae of Centuries 1–25, numbers 1–2500, were published annually or nearly so from 1921–1943 in Buletinul de Informatii of the botanical garden at Cluj, according to Margadant in litt. Herbarium 81, 1929, offers Centuries 8 and 9 of that year, and in 1932 offers Century 10 as of 1931. On 19 Jan 1965, NY received numbers 2901–2932, including 2 algae, 2 lichens, 3 hepatics, and 9 mosses.

REFERENCE: See note under I. Györffy, PART IV. BRYOPHYTA. The author of the schedae was Alexander Borza (1887–x).

LABELS: Printed, with title, number, name, authority, citation, collecting data. 910 *Grimmia brunnescens* Lindb. BM, NY

Fristedt, R. F.

SVERIGES PHARMACEUTISKA VÄXTER. Fascicles I–VIII, 740 numbers. Upsala (Edquist & Berglund; Fascicle 8 by Berling), 1863–1872.
A, L, H, M

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–100	1863
2	1–100	1864
3	1–100	1865
4	1–100	1865
5	1–100	1866
6	1–100	1867
7	1–100	1869
8	1–40	1872

INDEX: A systematic and an alphabetical index were printed in Uppsala in 1872.

LABELS: Printed, with the name, authority, and collecting data in Swedish in the upper part, the title, fascicle number and specimen number below. **7:** 90 *Funaria hygrometrica.* UPS

REMARKS: The set was largely phanerogams and vascular cryptogams. There are 10 algae, 21 lichens, 1 hepatic, and 9 mosses. Issued in portfolios.

There are remarks on one of Fristedt's collecting trips in Mårtensson, Bryophytes of the Tornträsk Area **3:** 65, 1956.

Funck, Heinrich Christian (1771–1839).

CRYPTOGAMISCHE GEWÄCHSE DES FICHTELGEBIRG'S. Fascicles I–V, numbers 1–125. Hof, Fascicle V at Leipzig, 1801–1805. Ed. II, Fascicles I–XLII, numbers 1–865. Leipzig (Barth), 1806–1838.
(The title changes slightly; Fascicle 6 has the subtitle . . nebst einigen beygefügten seltenen Arten aus andern Gegenden; from Fascicle 8 the title is Cryptogamische Gewächse besonders des Fichtelgebirg's.)
L, H, M

DATES OF PUBLICATION: The first date below is the title page date; in parentheses is the probable date of publication, which, when not otherwise noted, is from my Dates of Publications Describing Musci, 1959.

Species in Fascicles 1–5 of the second edition are the same as those in the first edition with the nomenclature revised.

Fascicle	Numbers	Date
1	1–25	1801 (Feb 1800)
2	26–50	1801 (Feb 1800)
3	51–75	1802 (22 Apr)
4	76–100	1804 (1805?)
5	101–125	1805 (1806?)
	Edition II	
1–5	1–125	1806 (20 Apr)
6	126–145	1806 (20 Apr)
7	146–165	1806 (20 Mar 1807)
8	166–185	1807 (20 Mar)
9	186–205	1807 (12 Apr 1808)
10	206–225	1808 (12 Apr)

Edition II—*Continued*

Fascicle	Numbers	Date
11	226–245	1808 (12 Apr)
12	246–265	1808 (16 Apr 1809)
13	266–285	1808 (16 Apr 1809)
14	286–305	1809 (16 Apr)
15	306–325	1809 (20 Jul)
16	326–345	1810 (6 Mai)
17	346–365	1810 (Jul-Dec)
18	366–385	1811 (Mai-Jun)
19	386–405	1812 (24 Apr 1814)
20	406–425	1814 (9 Apr 1815)
21	426–445	1815 (28 Apr 1816)
22	446–465	1815 (28 Apr 1816)
23	466–485	1816 (20 Apr 1817)
24	486–505	1817 (20 Mar 1818)
25	506–525	1818 (7 Mai)
26	526–545	1819 (30 Apr)
27	546–565	1819 (16 Apr 1820)
28	566–585	1822 (29 Sep)
29	586–605	1823 (AVB Mar **1823:** 49)
30	606–625	1824 (Flora **7:** 463. Aug 1824)
31	626–645	1825 (AVB Sep **1825;** Flora **8** Beil 5: 145. Jul 1825)
32	646–665	1826 (AVB Mar **1827;** Flora **9:** 605. Oct 1826)
33	666–685	1827 (AVB Sep)
34	686–705	1828 (AVB Jan-Jun **1829:** 53)
		1829 (AVB Jan-Jun **1830:** 68; Flora **12:** 743. Dec 1829)
36	726–745	1831 (AVB Jan-Jun **1831:** 69)
37	746–765	1832 (Flora **16:** 110. Jan 1833)
38	766–785	1835 (AVB Jan-Jun **1836:** 76; Flora **18** Lit. Ber. 6: 191. Dec 1835)
39	786–805	1836 (Flora **19:** 428. Mai 1826)
40	806–825	1837 (Flora **20:** 373. Mar 1837)
41	826–845	1838 (Flora **22:** 151. Jan 1839)
42	846–865	1838 (Flora **22:** 151. Jan 1839)

INDEX: Reviews, especially in Flora, listed some issues. Lichens in Lynge 223–227.

REFERENCES: Funck was the author of the cryptogamic section of Sturm's Deutschlands Flora, 1819.

There is a complete description of this set, and a discussion of exact dates of issue, in Margadant, Early Bryological Literature, 1968, p. 114–120.

LABELS: On the specimens, printed, with number, name, authority. In later fascicles all have a short Latin description. At the front of the fascicles, number, name, authority, and habitat. 567 *Gymnostomum sepincola* Funck, described. BM, FH, NY, PC

REMARKS: The fascicles are 8vo paperbound booklets.

Fuss, Mihály (1814–1883).

HERBARIUM NORMALE TRANSSILVANICUM. Centuries I–XI, numbers 1–1100. 1862–1872.

L, M (+)

DATES OF PUBLICATION: Beginning and end dates from K. Verseghy in Fedde's Repert. Sp. Nov. **68:** 112, 1963. Issues were listed in Verh. Mittheil. Siebenbürg. Vereins Naturwiss. Hermannstadt as follows (teste A. Boros, Fontes florae Hungaricae II, 1944, p. 30):

Century	Numbers	
1	1–100	**13:** 137–152. 1862
2	101–200	**14:** 188–207. 1863
3	201–300	**15:** 100–108, 117–127. 1864
4	301–400	**18:** 180–187. 1867
5	401–500	**18:** 255–261. 1867
6	501–600	**19:** 190–197. 1868
7	601–700	**20:** 162–169. 1869
8	701–800	**20:** 204–212. 1869
9	801–900	**20:** 178–185. 1869
10	901–1000	**22:** 38–45. 1872
11	1001–1100	**22:** 45–58. 1872

INDEX: See above. Verseghy says there are 48 lichens.

REFERENCE: Fuss was the author of articles on Siebenburgen cryptogams in the same journal: **4:** 109–112, 1853, **8:** 231–242, 1857, **16:** 23–31, 1865.

LABELS: Non vidi.

Godron, Dominique Alexandre (1807–1880).

FLORA CRYPTOGAMICA NANCEIENSIS EXSICCATA. Fascicles I–II, numbers 1–100. Nancy.

L (+?)

DATE OF PUBLICATION AND INDEX: Date undetermined. According to Ind. Herb. **2**(2): 229, the set had 100 numbers and is to be found only at Caen and Nancy. Lynge 229–230 knows only 50 numbers, and lists the 21 lichens included. Harmand, Catalogue . . . lichens Lorraine, also cites 50 species. Herbarium 35, 1914, offered for sale a set consisting of 40 numbers.

REFERENCE: Godron, Flore de Lorraine, 3 volumes and supplement, 1843–1845 (ed. 2, 1857, 1861).

LABELS: Non vidi. See 20 *Peltigera saccata* DC.

REMARKS: The only Godron label I have seen is at PC, from a set titled Herbier normal de la Flore de Lorraine, only the title printed (1483 *Chara gracilis*). Ind. Herb. lists also a set titled Plantae Galliae australis. Probably both of these are mostly phanerogams.

Hamberg, Knut Herman Rudolf (1873–1920).

KRYPTOGAM-HERBARIUM. Innehålande 100 arter lägre kryptogamer, fördelade på 35 arter mossor, 10 arter alger, 25 arter lafvar och 30 arter svampar. Stockholm (Gullberg & Halleberg), 1895.

A, L, M

DATE OF PUBLICATION: From title page and Krok **1895:** 9, 1896.

INDEX: Included; lichens in Lynge Suppl. 234.

LABELS: Printed on the page; number, name, authority, collecting data, including collector (Herman Hamberg). 1 *Hylocomium splendens* Br. & Sch. UPS

REMARKS: A 31×38 cm portfolio with a printed and dated title page, six specimens to a page.

Héribaud, Joseph [Jean Baptiste Caumel] (1841–1918).

COLLECTIONS DES CRYPTOGAMES DE L'AMERIQUE DU SUD. Century I, numbers 1–100. 1912.

Cited by title in Herbarium 27, 1912, Oesterr. Bot. Zeitschr. **63:** 46, 1913, and Hedwigia Beibl. **53:** (168), 1913. Herbarium 31, 1931, notes that specimens were determined by Nicolas and Arsène.

Husnot, Pierre Tranquille (1840–1929).

PLANTES DES ANTILLES—1868. Caen, ca 1870.
L, H, M

DATES OF PUBLICATION: I have given as the probable date the year of publication of Husnot's Catalogue des cryptogames recueillies aux Antilles françaises en 1868, Bull. Soc. Linn. Normandie (Caen) **4:** 19–74, 1870. However, I find no reviews earlier than 1871 (hepatics) and 1875 (hepatics and mosses). BM received 270 specimens in 1873. Husnot offered for sale 87 numbers of lichens of the Antilles in 1924 (Rev. Bryol. **51:** 16) but they may not have been of this collection. Husnot had sent his collections to experts for naming—the lichens to Nylander, hepatics to Gottsche, mosses to Schimper. It appears that after they were named he arranged the whole collection with serial numbers and distributed larger or smaller sets. Sydow 124 and 127 says there were 25 numbers of lichens, 48 of hepatics, and 52 of mosses. The PC sets have more of each, though even here there are gaps in the numbering. Musci are numbered from 116 to 195, hepatics from 196 to 256.

INDEX: Hepatics listed without numbers in Bull. Soc. Bot. Belg. **10:** 318–320, 1871. See also Husnot, Bull. Soc. Linn. Normandie (Caen) **4:** 19–74, 1870.

REFERENCES: Nylander. Énumération des lichens récoltés par M. Husnot aux Antilles françaises. Bull. Soc. Linn. Normandie (Caen) **3:** 259–280. 1869.

Husnot. Catalogue des muscinées récoltées aux Antilles françaises par T. Husnot. Rev. Bryol. **2:** 281–285. 1875 and **3:** 57–59, 65–68. 1876.

Bescherelle. Énumération des hépatiques connues aux Antilles françaises. Jour. Bot. Paris **7:** 174–180, 183–194. 1893.

Bescherelle validates some of Husnot's names in Ann. Sci. Nat. Bot. VI. **3:** 203. 1876.

LABELS: Printed, with title, number, name, authority and collecting data. Many new taxa, not described. Some of the labels at PC are handwritten. 116 *Entosthodon Husnoti* Sch. 211 *Mastigobryum Hermenieri* Gottsche.

REMARKS: Eleven herbaria are listed in Ind. Herb. **2**(2): 294 as owning some of this set.

Jack, Joseph Bernhard (1818–1901), Ludwig Leiner (1830–1901), and Ernst Stitzenberger (1827–1895).

KRYPTOGAMEN BADENS, UNTER MITWIRKUNG MEHRER BOTANIKER, GESAMMELT UND HERAUSGEGEBEN VON JOS. BERNH. JACK, LUDWIG LEINER UND DR. ERNST STITZENBERGER. Fascicles I–XXI, numbers 1–1000. Constanz (Leiner), 1860–1880.

A, L, H, M

DATES OF PUBLICATION: From reviews.

Fascicle	Numbers	Date	
1	1–40	1860	
2	41–100	1860	
3	101–140	1860	
4	141–200	1860	
5	201–250	1860	
6	251–300	1860	Fascicles 1–6, Flora **43:** 714–720. 7 Dec 1860
7	301–340	1861	
8	341–400	1861	Fascicles 7–8, Flora **44:** 109–112. Feb 1861
9	401–440	1861	
10	441–500	1861	Fascicles 9–10, Flora **44:** 527–528, 558–559. Sep 1861
11	501–540	1863	
12	541–600	1863	Fascicles 11–12, Bot. Zeit. **21:** 8. 1863
13	601–660	1864	
14	661–690	1864	Fascicles 13–14, Bot. Zeit. **22:** 351–352. 1864
15	691–710	1864	
16	711–770	1864	Fascicles 15–16, Bot. Zeit. **22:** 415–416. 1864
17	771–800	1864	Fascicles 13–17, Hedwigia **3:** 165–166. Nov 1864
18	801–865	1870	
19	866–900	1870	Fascicles 18–19, Hedwigia **9:** 190. Dec 1870; Bot. Zeit. **28:** 775. 1870
20	901–937	1880	
21	938–1000	1880	Fascicles 20–21, Hedwigia **19:** 168. Oct 1880; Bot. Centralbl. **4:** 1342–1343. 1880

INDEX: Baur. Alphabetisches Verzeichnis . . . 10 centurien Kryptogamen Badens. Mitteil. Badischen Bot. Ver. **87/89:** 310–316. 1891 (reprinted as separate, 1911).

Many reviews, especially those in Bot. Zeit. (see Lynge for issues), list the species. Lichens in Lynge 280–284.

REFERENCES: Jack, Die Lebermoose Badens, 92 p., 1870.
Baur, Die Laubmoose des Grossherzogthums Badens, 79 p., 1894.

LABELS: Printed, with number, name, authority, citation, collecting data. 1 *Gloeocapsa aurata* Stitzenb. FH, G, K, NY, STR

REMARKS: The sets at FH and STR are in portfolios, 12 × 20 cm, except for Fascicles 5 and 6 which are folio size.

Kavina, Karel (1890–1948), and Alfred Hilitzer (1899–1940).

CRYPTOGAMAE ČECHOSLOVENICAE EXSICCATAE EDITAE AB INSTITUTO BOTANICO POLYTECHNICI PRAGENSE, CURANTIBUS PROF. DR. K. KAVINA ET DOC. DR. A. HILITZER. Fascicles I–VI, numbers I–300. Prague, 1933–1937.

L, H, M

DATES OF PUBLICATION:

Fascicles	Numbers	Date
1–2	1–100	30 Dec 1933, letter from Hilitzer at NY Lichens numbers 21–40; 71–80 Musci numbers 41–50; 91–100 Hepaticae numbers 81–90
3–4	101–200	15 Apr 1935, Index; accessioned FH 31 Jul 1935 Lichenes numbers 141–170 Hepaticae numbers 171–180 Musci numbers 181–200
5–6	201–300	15 Feb 1937, Index; accessioned FH 26 Mai 1937 Lichenes numbers 261–280 Musci numbers 281–300

INDEX: Schedae included, reprinted from Acta Musei Moraviae, Brno. Some changes in collecting data are written in; the fascicles are designated as series. The missing numbers above are fungi. Lichens in Lynge Suppl. 234.

LABELS: Printed, with title, class of plants, number, name, authority; collecting data in Latin. 87 *Scapania uliginosa* var *obliqua* (Schif.) Kav.

FH, NY, UPS

REMARKS: See a set with similar title by Šmarda, p. 48, below.

Kneiff, Friedrich Gotthard (?–1832), and Emmanuel Friedrich Hartmann.

PLANTAE CRYPTOGAMICAE QUAS IN MAGNO DUCATU BADENSIS COLLEGERUNT FRIDERIC. GOTTHARD. KNEIFF ET EMAN. FRIDERIC. HARTMANN. Fascicles I–IV, numbers 1–200. Argentorati [Strasbourg] (Fascicle I, Levrault; Fascicles II–IV, Dannbach), 1828–1830.

A, L, H, M

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–50	1828
2	51–100	1830
3	101–150	1830
4	151–200	1830

INDEX: An alphabetical list accompanied the fascicles.

REFERENCE: Fascicle 1 was reviewed in Linnaea Lit. Ber. **1830:** 58.

LABELS: Printed, with number, name, authority, citations, synonyms; habitat in Latin. 129 *Graphis involuta* Wallroth in litt., not described. FH, G, STR

REMARKS: The intact copy at STR is a handsome set of bound 4° volumes, with purple covers and gold lettering. This may be a special authors' or presentation set.

KRYPTOGAMAE EXSICCATAE, EDITAE A MUSEO PALATINO VINDOBONENSI. Centuries I–XLV, numbers 1–4500. Wien, 1894–1964.
(Spelling changes to Cryptogamae exsiccatae)
A, L, H, M

DATES OF PUBLICATION: The year dates given here are of the schedae, published in Ann. K. K. Naturh. Hofmus. Wien. Although the set is given there by centuries, labels and other references are to decades, which are separately numbered within plant groups. Only a few of the schedae give the date of issue of the specimens, which apparently was always earlier. Authors of schedae are: Centuries 2–6, G. de Beck and A. Zahlbruckner; Centuries 7–26, Zahlbruckner; Centuries 27–32, C. Keissler; Centuries 33–34, 36–45, F. Petrak; Century 35, Petrak, K. Rechinger, O. Szatala, and J. Baumgartner.

Century	Numbers	Date of schedae	Date of exsiccata
1	1–100	1894	
2	101–200	1896	
3	201–300	1897	
4	301–400	1898	
5–6	401–600	1900	
7	601–700	1901	
8	701–800	1902	
9	801–900	1903	
10–11	901–1100	1904	
12–13	1101–1300	1905	
14	1301–1400	1906	
15–16	1401–1600	1907–1908	
17	1601–1700	1909	
18	1701–1800	1910–1911	
19	1801–1900	1911	
20	1901–2000	1912	
21	2001–2100	1913	
22	2101–2200	1914	
23	2201–2300	1915	
24	2301–2400	1916	
25–26	2401–2600	1923	Issued Aug 1921, Aug 1922
27	2601–2700	1923	
28	2701–2800	1924	
29	2801–2900	1925	
30	2901–3000	1926	
31	3001–3100	1928	
32	3101–3200	1933	

Century	Numbers	Date of Schedae	Date of exsiccata
33–34	3201–3400	1941	
35	3401–3500	1942	
36	3501–3600	Not published	
37	3601–3700	1948	
38	3701–3800	1951	
39	3801–3900	1955	Issued 27 Mai 1955
40–41	3901–4100	1957	Issued 10 Jun and 5 Nov 1956
42	4101–4200	1958	Issued 17 Dec 1957
43	4201–4300	1961	Issued 5 Sep 1960
44	4301–4400	1963	Issued 1962
45	4401–4500	1965	Issued 1964

INDEX: To Centuries 1–20 in Ann. K. K. Naturh. Hofmus. Wien **26:** 183–242, 1912. Lichens of Centuries 1–33 in Lynge 302–313.

There are lists of species in the reviews in many botanical journals.

LABELS: Printed, with title, class of plants, decade number, number, name, synonymy and collecting data. New taxa described in Latin. 1876 *Ramalina sideriza* Zahl. BM, FH, G, K, NY, PC

REMARKS: Issued in packets in about 80 copies. Each century contains a specified number of decades of each of the groups of plants included; Century 1, for example, had 4 decades of fungi, 3 of lichens, 2 of algae and one of bryophytes.

Lasch, Wilhelm (1786–1863), and Carl Baenitz (1837–1913).

HERBARIUM NORDDEUTSCHER PFLANZEN FÜR ANGEHENDE LEHRER, PHARMACEUTEN UND ALLE FREUNDE DER BOTANIK. In einzelnen Lieferungen von W. Lasch und C. Baenitz. Fascicles I–VIII, 346 numbers. Driessen und Gorlitz, 1860. Ed. 2, by Baenitz. Gorlitz, 1863.

A, L, H, M

DATES OF PUBLICATION: From Lynge and Sydow. In the first edition, each fascicle begins with number 1; they include (Herbarium 23, 1911): Fascicle 1, 30 vascular cryptogams; Fascicle 2, 50 mosses; Fascicle 3, 15 hepatics and algae; Fascicle 4, 30 lichens; Fascicle 5, 30 fungi; Fascicles 6–8, 101 phanerogams.

INDEX: Lichens of the first edition in Lynge 322–323.

LABELS: Non vidi. See 1 *Lepra (Lepraria) rubens* Fries.

Lechler, Willibald (1814–1856).

PLANTAE INSULARUM MACLOVIANARUM. Editor R. F. Hohenhacker. 1853.

DATE OF PUBLICATION: Offered for sale by Hohenhacker in Flora **36:** 551–552, 1853. The offer is for sets of 40–50 plants, but PC has numbers at least to 90.

LABELS: Facsimile handwriting, with title, number, name, authority, locality. 90 *Campylopus canescens* W. P. Schimper. G, PC

REMARKS: Lechler's South American collections were distributed under various titles: Plantae Chilenses (200 species, Flora **36:** 551–552. 1853); Plantae Magellanicae; Plantae Peruvianae. Vienna has 1359 specimens. Lists were published in: Flora **37:** 282, 1854; Bot. Zeit. **12:** 348–349, 1854; Grisebach, Systematische Bemerkungen über beiden ersten Pflanzensammlung Philippi's und Lechler's im südlichen Chile und an der Magellans-Strasse, 50 p., 1854.

The sets contain many new taxa, and Paris, among others, attributes the new names to the exsiccatae.

Libert, Marie Anne (1782–1865).

PLANTAE CRYPTOGAMICAE QUAS IN ARDUENNA COLLEGIT M. A. LIBERT. Fascicles I–IV, numbers 1–400. Leodii [Liège] (Desver), 1830–1837.

A, L, H, M

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–100	1830	Flora **15**(2) Intell. 5: 68. 1832
2	101–200	1832	Flora **17:** 447–448. 28 Jun 1834
3	201–300	1834	1835 at Bonn, fide Wikström in Sv. Vet.-Akad. Års. Bot. **1835:** 60. 1837
4	301–400	1837	AVB **1837/1838** (Michaelmas-Easter): 142

INDEX: Included at the back of the fascicles. Lichens in Lynge 332.

REFERENCE: Marchal. Reliquiae Libertianae. Bull. Soc. Bot. Belg. **11:** 3–15. 1872. This is a list of mosses in the Libert herbarium after her death. Specimens were issued from this herbarium under the title Reliquiae Libertianae. FH has two sets, one in three portfolios, one in five portfolios with printed spine: Reliquiae Libertianae, Types originaux don du Jardin Royal de Bruxelles, 1879–1881. Some specimens have numbers; some labels are printed and some handwritten.

LABELS: Printed, with number, name, authority and citation, synonyms, habitat. New taxa are described in Latin. 106 *Campylopus arduennae* Lib.

FH, G, K, PC

REMARKS: Bound booklets, 25 × 60 cm, with title page and introduction.

Lojka, Hugo (1844–1887).

ITER TIROLENSE 1884.

L (+?)

DATE OF PUBLICATION: Not known. FH has only lichens of this set, with numbers 1–10.

LABELS: Facsimile autograph, with title, number, name, authority, collecting data. 1 *Calicium praecedens* Nyl. FH

REMARKS: Lojka made several collecting trips, for which he asked for subscribers in advance. He was in Hungary in 1869 and in Siebenbürgen in 1873. Probably other sets with serial numbers were issued.

See Lojka's lichen exsiccatae in PART III. LICHENES.

Ludwig, G.

KRYPTOGAMISCHE GEWACHSE DES RIESENGEBIRGES; PLANTES CRYPTOGAMES DE LA MONTAGNE DES GEANS. Centuries I–II, numbers 1–200. 1801–1806.

L, H, M (+?)

DATES OF PUBLICATION:

Century	Numbers	Date	
1	1–100	1801	Paris, Index Bryol., at *Grimmia sudetica*
2	101–200	1806	Allg. Lit. Zeit. 5 Feb 1805; Jour. Gén. Étrang. 20 Mar 1806

INDEX: Lichens in Lynge 348.

REFERENCES: Bridel, Muscologia recentiorum Suppl., 1806–1819, and Müller, Deutschlands Moose, 1853, cite this as "Ludwig Moos. Cent."

LABELS: Non vidi. See 1 *Polytrichum alpestre* Hoppe.

REMARKS: Herbarium 33, 1913, cites also Ludwig, Cryptogamiae Silesiae, but gives no data.

Macoun, John.

See under his Canadian Musci in PART IV. BRYOPHYTA.

Magnier, Charles.

FLORA SELECTA EXSICCATA, PUBLIE PAR CH. MAGNIER. Fascicles I–XVI, numbers 1–4137. San Quentin and Paris, 1882–1897.

A, L, H, M

DATES OF PUBLICATION AND INDEX: Fascicles were issued annually, accompanied by parts of a continuously paged and dated text, Scrinia florae selectae. The first part of the text is handwritten, the second partly printed; from the third on, printed. In some of the early parts, the specimens are listed without numbers, or the numbers written in. The exsiccata consists of mostly phanerogams, with *Chara* and *Nitella;* there are nonvascular plants in Fascicles 3, 4, 7–16, the total numbers being 4 algae (exclusive of Characeae), 4 lichens, 15 hepatics, and 56 mosses, as well as fungi.

Fascicle	Numbers	Scrinia	Bull. Soc. Bot. Fr.
1	1–164	1882	**29**(1): 23–24, 101. 1882
2	165–449	1883	**29**(2): 240. 1882
3	450–	1884	**31**(2): 16. 1884
4	–1060	1885	**32**(2): 48, 95–96. 1885
5	1061–1355	1886	**33**(2): 191–192. 1886
6		1887	**35**(2): 111–112. 1888
7	1586 bis–1862	1888	**35**(2): 111–112. 1888
8	1863–2121	1889	**36**(2): 129. 1889
9	2122–2371	1890	**37**(2): 92. 1890
10	2372–2620	1891	**38**(2): 93. 1891
11	2621–2900	1892	**39**(2): 124. 1892

Fascicle	Numbers	Scrinia	Bull. Soc. Bot. Fr.
12	2901–3182	1893	**40**(2) : 427. 1893
13	3183–3450	1894	**41**(2) : 317–318. 1894
14	3451–3689	1895	**42**(2) : 203. 1895
15	3690–3926	1896	**43**(2) : 430. 1896
16	3927–4137	1897	

REFERENCES: A few of the issues were reviewed in Rev. Mycol., Allg. Bot. Zeitschr., and Bot. Centralbl.

LABELS: All the labels I have seen are printed, with title, number, name, authority and citations, and collecting data. 759 *Hypnum patientiae* Lindb. PC

REMARKS: Among the collectors were Gravet and Thériot. According to Bull. Soc. Bot. Fr. **29:** 101, 1882, 80 copies were being prepared, to sell at 45 francs per fascicle.

Magnier was librarian and director of the botanical garden at San Quentin.

Magnier, Charles.

PLANTAE GALLIAE SEPTENTRIONALIS ET BELGII. Fascicles I–VII. San Quentin, 1879–?.

A, L, H, M

DATES OF PUBLICATION: The last number I have seen is 688. I believe that Fascicle 1 appeared in two parts; from Fascicle 3 they are referred to as "centuries."

Fascicle	Numbers	Date	Bull. Soc. Bot. Fr.
1	1–50	1879	**26**(2) : 240. 1879 and **27**(1) : 34. 1880
2		1881	**28**(1) : 62. 1881
3	201–300	1882	**29**(1) : 101. 1882
4	301–400		
5	401–500	1885	**32**(2) : 48. 1885
6	501–600		
7	601–		

LABELS: Printed, with title, number, name, authority and citation, collecting data. Magnier's name usually, but not always, appears at the lower right. 142 *Lepidozia reptans* N. ab E.; 688 *Delesseria reptans.* G, K, PC

REMARKS: Among the collectors were Boulay, Gravet, and Hardy.

According to Bull. Soc. Bot. Fr. **26**(1) : 240, 1879, only a restricted number of copies were prepared, to sell at 10 francs per century.

Mandon, Gilbert. Plantae Maderenses, see Mandon's Algae Maderenses in PART II. ALGAE; Lichens de Madère in PART III. LICHENES; Mousses de Madère in PART IV. BRYOPHYTA.

Migula, Walter (1863–1938).

KRYPTOGAMAE GERMANIAE, AUSTRIAE ET HELVETIAE EXSICCATAE. Fascicles I–LXII, 1500 numbers. Karlsruhe, 1902–1933.

A, L, H, M

DATES OF PUBLICATION: The fascicles are continuously numbered, but the specimen numbers begin with 1 for each class of plants. Each fascicle consists of 25 specimens of one class of plants (Moose includes both Hepaticae and Musci). The following dates and numbers are from title pages at NY for lichens, at NY and UPS for mosses, and at FH and G for algae. The fascicles omitted contain fungi.

Fascicle	Numbers	Class	Date
1	1–25	Moose	25 Jul 1902
2	1–25	Algen	25 Oct 1902
4	25–50	Moose	25 Nov 1902
5	1–25	Flechten	15 Dec 1902
7–8	51–100	Moose	no date
9	26–50	Flechten	10 Mai 1903
10	26–50	Algen	15 Mai 1903
11–12	101–150	Moose	20 Dec 1903
15	51–75	Flechten	10 Feb 1904
16–17	151–200	Moose	10 Jul 1904
18	76–100	Flechten	10 Jul 1904
20	51–75	Algen	10 Jul 1904
21–22	201–250	Moose	10 Dec 1904
25	101–125	Flechten	31 Dec 1904
26–27	76–125	Algen	10 Feb 1906
28–29	251–300	Moose	10 Feb 1906
30	126–150	Algen	20 Mar 1907
31–32	301–350	Moose	26 Feb 1907
35	126–150	Flechten	1 Oct 1922
36	151–175	Algen	5 Oct 1922
37–38	351–400	Moose	5 Oct 1922
41–42	176–225	Algen	1 Dec 1927
45	151–175	Flechten	25 Jan 1928
46	401–425	Moose	25 Jan 1928
47–48	176–225	Flechten	20 Jan 1929
49	226–250	Algen	1 Feb 1929
52	251–275	Algen	15 Sep 1931
53–54	226–275	Flechten	5 Nov 1931
55	426–450	Moose	12 Nov 1931
58	226–300	Algen	8 Nov 1933
59	451–475	Moose	20 Nov 1933
60–62	276–350	Flechten	28 Nov 1933

INDEX: Accompanied the fascicles. Many were listed in reviews in Hedwigia, Allg. Bot. Zeit. and elsewhere. Lichens in Lynge 383–385.

REFERENCE: Migula was the author of the volume on cryptogams in Thomé's Flora von Deutschland, Oesterreich und der Schweiz (Band v, 1901).

LABELS: Printed, the title including fascicle number and class of plants; number, name, authority and collecting data. 1.1 *Targionia hypophylla*.

BM, FH, G, NY, PC, UPS

REMARKS: The fascicles are in 22 × 30 cm portfolios.

Mougeot, Jean Baptiste (1815–1889), Christian Gottfried Nestler (1778–1832), Wilhelm Philipp Schimper (1808–1880), Jean Antoine Mougeot (1815–1889), and Casimir Roumeguère (1828–1892).

STIRPES CRYPTOGAMAE VOGESO-RHENANAE; QUAS IN RHENI SUPERIORIS INFERIORISQUE, NEC NON VOGESORUM PRAEFECTURIS, COLLEGERUNT J. B. MOUGEOT ET C. NESTLER. Fascicles I–XVI, numbers 1–1600. Bruyerii Vogesorum (Vivot), 1810–1890.

Fascicles 1–11 were by Mougeot and Nestler (although Nestler died before Fascicle 10 appeared); Fascicles 12–14 by Mougeot, Nestler, and Schimper; Fascicle 15 by J. M. and J. A. Mougeot, Nestler, and Schimper; Fascicle 16 by Roumeguère, but including many specimens collected by René Ferry.

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–100	1810	Preface Sep 1810
2	101–200	1811	
3	201–300	1812	
4	301–400	1813	
5	401–500	1815	1816 in Margadant, Early Bryol. Lit., 186
6	501–600	1818	
7	601–700	1820	
8	701–800	1823	Dec 1823 in Bull. Férussac **1:** 252. 1824
9	801–900	1826	
10	901–1000	1833	Preface 1 Mai 1833. 1834 in Margadant 186
11	1001–1100	1840	
12	1101–1200	1843	Preface Oct 1842. 1845 in Lynge
13	1201–1300	1850	
14	1301–1400	1854	
15	1401–1500	1860	Preface 1 Jun 1860. 1861 in Lindau & Sydow
16	1501–1600	Non vidi. 1890, Lindau & Sydow; but not yet published, in Hedwigia **29:** 211, Jul/Aug 1890 and Rev. Mycol. **12:** 199, 1 Oct 1890	

INDEX: Included with the fascicles. Mougeot published an alphabetical index to the first 12 fascicles in 1843, and to the 13th and 14th fascicles in 1855. Lichens in Lynge 386–391.

REFERENCE: Müller. Revision der Hepaticae in "Stirpes Kryptogamae" 1810–1860. Mém. Herb. Boissier **6:** 1–10. 1900.

LABELS: Printed, with number, name, authority, and habitat. The labels varied in the course of publication as to the amount of citation and description, the later fascicles having more of both. Most of the new taxa are not described (706 *Voitia vogesiana* Hornsch. in litt.) but some are (827 *Orthotrichum crispulum* Bruch in litt., described in Latin). BM, FH, G, K, NY, PC

REMARKS: I have no sure evidence that Fascicle 16 was issued.

PC has the presentation copy to DeCandolle, in which the first fascicle is signed by the authors, and also a manuscript volume titled Stirpes cryptogamae Vogesorum, Fascicle 1, 1807, prepared for Loiseleur-Deslongchamps.

Müller, Friedrich.

KRYPTOGAMEN SACHSEN UND DER ANGRÄNZENDEN GEGENDEN. Centuries I–II. Dresden und Leipzig, 1830–1831.

Century 1 in AVB **1830** (Jan-Jun):141, and in Sydow 117. Century 2 in AVB **1831** (Jul-Dec):113.

Müller, Walther Otto.

CRYPTOGAMEN-HERBARIUM DER THÜRINGENSCHEN STAATEN. Series I–V. Gera (Grisebach), 1868–1869.

L, H, M

DATES OF PUBLICATIONS: Hinrichs **24:** 264 cites all five series (Series 4, 5 are vascular cryptogams) as issued in the third quarter of 1869. However, Bot. Zeit. **27:** 103, 1869, states that Series 1 was issued in Oct 1868, the others to be published soon. Sydow 124 gives 1869 for Series 1 and 1868 for Series 3.

Series 1 consisted of 12 sheets of lichens, Series 2 of 4 sheets of hepatics, Series 3 of 16 sheets of mosses.

LABELS: Non vidi.

REMARKS: Müller also issued Album der Cryptogamen-Welt, Series I, 10 sheets of lichens, hepatics and mosses, in 1877 (Hinrichs **32:** 47. 1877).

This is probably the O. Müller who with H. Eck issued Kryptogamen aus dem Walde, Fascicles 1–3, Leipzig, 1876 (but Fascicle 2, lichens, announced in Bot. Jahresb. **8:** 593, 1880). This set was offered in Herbarium 18, 1910.

Opiz, Philipp Maximilian (1787–1858).

FLORA CRYPTOGAMICA BOËMIAE; BÖHEIMS CRYPTOGAMISCHE GEWÄCHSE, HERAUSGEGEBEN VON PHILIPP MAXIMILIAN OPIZ. Fascicles I–VIII, numbers 1–200. Prag, 1818–1819.

A, L, H, M

DATES OF PUBLICATION: Lynge gives the date of Fascicles 1–6 as 1818 and Fascicles 7–8 as 1819. The individual fascicles apparently came out at intervals, for Flora **1:** 242–244, 20 Mai 1818, announced the first fascicle in April and the second for August of that year; the fifth fascicle is announced in Flora **1:** 531, 10 Nov 1818.

INDEX: Lynge 421–422 lists 30 lichens. Matouschek, Verh. Zool.-Bot. Ges. Wien **50:** 276–278, 1900, lists 71 bryophytes.

REFERENCES: Opiz, Böhmens phänerogamische und cryptogamische Gewächse, 168 p., 1823.

Maiwald, Geschichte der Botanik in Böhmen, 1904, p. 138, lists Opiz's numerous exsiccatae. The title of the present one is differently spelled, and

the last fascicle is omitted. He cites other cryptogamic sets as: Herbarium Flora cryptogamica universalis, Centuries I–III, Prag, 1841–1846; Herbarium Florae cryptogamicae austriacae, Centuries I–XI, Prag, 1841–1846; as "indebted" to Opiz, Herbarium Florae cryptogamicae europaeae, Centuries I–III, 1842–1844.

LABELS: Non vidi. See 3 *Astomum crispum* (Hedw.) Hampe.

Oudemans, Cornelius Antoon Jan Abraham (1825–1906).

HERBARIUM NEDERLANDSCHE PLANTEN DOOR C. A. J. A. OUDEMANS. Fascicles I–XXVII, numbers 1–1350. 1867–?

A, L, H, M

DATES OF PUBLICATION: Oudemans published a catalogue by classes of the first 12 fascicles, numbers 1–600, in Nederl. Kruidk. Arch. II. **1:** 50–97, 1871, in which he stated that the first fascicle was issued in 1867. In the same journal **2:** 17, 1877, the 20th fascicle is announced, and in **2:** 151, 1877, Fascicles 22–24. Margadant in litt. says that there were eventually 27 fascicles. According to the prospectus in Bull. Soc. Bot. Belg. **5:** 407, 1866, fascicles of 50 numbers were to be issued at the rate of two or three fascicles each year.

INDEX: For Fascicles 1–12, see Nederl. Kruidk. Arch. II. **1:** 50–97, 1871.

REFERENCE: Oudemans was the author of De Flora van Nederland, 1859–1862 (ed. 2, 1872–1874).

LABELS: The title is printed, but the number, name, authority, and collecting data are handwritten. 1069 *Fissidens bryoides* Hedw. L

REMARKS: According to the prospectus, the set was to be in folio, composed largely of phanerogams and vascular cryptogams, with types only of lower cryptogams.

Oudemans's catalogue states that 12 copies were presented to various Dutch institutions. Margadant reports that there are several copies, as well as stocks of mosses, at Groningen, where Oudemans's herbarium is kept.

Paillot, Justin (1829–1891), Ferdinand Renauld (1837–1910), and Xavier Vendrely.

FLORA CRYPTOGAMIA SEQUANIAE EXSICCATA, PUBLIÉE PAR Y. PAILLOT, F. RENAULD, X. VENDRELY. Fascicles I–VII, numbers 1–328. Champagney, Franche-Comté, 1873–1897.

Later fascicles by Vendrely alone.

L, H, M

DATES OF PUBLICATION:

Fascicle	Numbers	Date
1	1–50	1873, from title page
2	51–100	1873, from title page
3	101–150	ca 1875, Bull. Soc. Bot. Fr. **22:** 111. 1875
4	151–200	

Fascicle	Numbers	Date
5	201–250	1895, from label
6	251–298	1896, from label
7	299–328	1897, Hedwigia Beibl. **37:** (30). 1898

REFERENCE: Vendrely in Flora Sequaniae, Besançon, 1896, p. 161–170.

LABELS: In the copy at STR, the labels of Fascicles 1 and 2 are in fascimile autograph, with number, name, authority, habitat, collecting data. The labels I have seen of Fascicles 5 and 6 are printed and dated, with title and Vendrely's name as author. 211 *Mnium spinulosum* Schwg.; 298 *Ramalina polymorpha* Ach. G, PC, STR

REMARKS: The first two fascicles are intact at STR in a 4" portfolio; lettering on the outer cover in ink, a printed index inside. This copy is numbered 27 in handwriting.

This set was by the same authors as Flora Sequaniae exsiccata, ou Herbier de la Flore de Franche-Comté, lists of which were published in Mém. Soc. Émulation du Doubs from 1872 to 1900. The titles of the two sets have been confused.

Petrak, Franz (1886–x).

FLORA BOHEMIAE ET MORAVIAE EXSICCATA. Series II. Abt. 2, Flechten numbers 1–150, Abt. 3, Moose numbers 1–250; Abt. 4, Algen. 1913–1924.

A, L, H, M

DATES OF PUBLICATION:

Abt. 2, Flechten

Fascicle	Numbers	Date	
	1–150	1924	Accessioned FH 20 Dec 1924

Abt. 3, Moose

Fascicle	Numbers	Date	
1–2	1–100	1913	Hedwigia Beibl. **54:** (59). Sep 1913; Oesterr. Bot. Zeitschr. **63:** 272. 1913
3	101–150	1913	Hedwigia Beibl. **54:** (125). Nov 1913; Oesterr. Bot. Zeitschr. **64:** 71. 1914
4	151–200	1914	Accessioned BM 28 Mai 1914
5	201–250		

Abt. 4, Algen

Prospectus in Oesterr. Bot. Zeitschr. **63:** 46, Jan 1913.

REFERENCE: A biography of Petrak was published in Sydowia Beih. **1:** vi–x, 1957.

LABELS: On mosses, the title, series, section, and fascicle number are printed; the number, name, authority and collecting data are in rubber stamp. 102 *Andreaea petrophila* Ehrh. BM, FH

REMARKS: Series I, and Abt. 1 of Series II, were fungi.

Presl, Jan Swatopluk (1791–1849), and Karel Bořiwoj Presl (1794–1852).

VEGETABILIA CRYPTOGAMICA BOËMIAE COLLECTA A JOANNE ET CAROLO PRESL. Fascicles I–II, numbers 1–50. Pragae, 1812.
M (+)

DATES OF PUBLICATION: From Allg. Lit. Zeit. 4 Mar 1812.

Fascicle	Numbers	Date
1	1–25	Mar 1812
2	26–50	Mai 1812

INDEX: Matouschek lists the mosses in Verh. Zool.-Bot. Ges. Wien **50:** 276–386, 1900.

REFERENCE: Cited in Maiwald, Geschichte der Botanik in Böhmen, 1904, p. 125.

LABELS: Non vidi. Said by Matouschek (Bot. Centralbl. **85:** 54–55. 1901) to be handwritten. See 3 *Phascum cuspidatum* Schreb.

REMARKS: K. B. Presl issued Flora Sicula, Fascicles I–V, numbers 1–250, in 1822. It contained only three nonvascular cryptogams, all in the fifth fascicle: *Lichen Roccella* L., *Dicranum aetnense* Presl and *Barbula arenaria* Presl. Reference: Presl, Flora Sicula exhibens plantas vasculosas in Sicilia, 216 p., 1826.

Purpus, Joseph Anton (1860–1932).

PLANTAE MEXICANAE PURPUSIANAE.
L, H, M

DATES OF PUBLICATION: Herbarium 78, 1928, offered a set under this title of specimens collected in 1921–1922, including 45 numbers of bryophytes and 66 numbers of lichens. NY accessioned a total of 718 numbers of flowering plants from 1921 to 1926.

LABELS: Title and collector printed, number, name, authority and collecting data handwritten. 30 *Ramalina yemensis* Sch., collected 1922. G

Rabenhorst, Gottlob Ludwig (1806–1881).

FLORA LUSATIAE INFERIORIS EXSICCATA. Centuries I–X.

Wikström, Sv. Vet.-Akad. Års. Bot. **1835:** 34–35, 1837, states that Centuries 1–6 have been published by 1835, with four centuries still to come. Rabenhorst, Enumeratio muscorum frondosorum seu primae lineae muscologiae lusatiae inferioris, Linnaea **9:** 523–565, 1834, does not cite an exsiccata, nor does he in Flora Lusatica, volume 2, 507 p., 1840.

Rabenhorst, Gottlob Ludwig (1806–1881).

KRYPTOGAMEN SAMMLUNG, SYSTEMATISCHE UEBERSICHT DAS REICH DER KRYPTOGAMEN IN GETROCKNETEN EXEMPLAREN. Section I, Fungi; Section II, Lichenes numbers 1–100; Section III, Bryophyta numbers 1–100, Pteridophyta, and Fucus number 40. 1843.

The set is also known under the names: Getrockneten Kryptogamen der deutschen Flora (Rabenhorst in Bot. Zeit., 1843); Kryptogamen Centurien (Lynge); Flora Germaniae Exsiccatae Cryptogamae (Flora, 1842).
A, L, H, M

DATES OF PUBLICATION: Assumed from Rabenhorst's announcement in Bot. Zeit. **1:** 30–34, 13 Jan 1843. The century of mosses is announced in Linnaea Lit. Ber. **1842:** 258 and therefore may precede the others.

Subsequent issues were apparently made in 1875 (Hedwigia **14:** 160. 1875; Hinrichs **31:** 199. 1875).

INDEX: Listed in Bot. Zeit. **1:** 30–34, 1843. Lichens in Lynge 528–430.

REFERENCE: I have used the title as in the obituary of Rabenhorst in Hedwigia **20:** 113–120, 1881. This set and the one following are referred to there as "popular" publications.

LABELS: Non vidi. See III. 1 *Diphyscium foliosum* W. & M.

Rabenhorst, Gottlob Ludwig (1806–1881).

KRYPTOGAMENSAMMLUNG FÜR SCHULE UND HAUS. 500 specimens with Text. Dresden (Heinrich), 1855.

DATES OF PUBLICATION: Reviewed in Bot. Zeit. **13:** 224–226, 30 Mar 1855. There were subsequent editions [AVB **1859**(1): 182; Hinrichs **13:** 269. 1859; Hinrichs **16:** 392. 1861]. I am not sure that the specimens were serially numbered.

REFERENCE: The text issued with the first edition is titled: Cursus der Kryptogamensammlung für Realschulen und höhere Bildungsanstalten oder Text zur Kryptogamen für Schule und Haus, Dresden, 1855.

LABELS: Non vidi.

REMARKS: Not to be confused with Rabenhorst's Kryptogamen-Sammlung, q.v.

Raciborski, Maryjan (1863–1917).

CRYPTOGAMAE PARASITICAE IN INSULA JAVA LECTAE EXSICCATAE. Fascicles I–III, numbers 1–150. Buitenzorg (Kolff), 1899–1900.
A

DATES OF PUBLICATION:

Fascicle	Numbers	Date	
1	1–50	1899	Hedwigia Beibl. **39:** (39). Jan/Feb 1900; Bot Centralbl. **82:** 134. 1900
2	51–100	1899	Hedwigia Beibl. **39:** (111). Mai/Jun 1900; Bot. Centralbl. **87:** 153. 1901
3	101–150	1900	Herbarium 20, 1911

INDEX: The reviews in Hedwigia Beibl. and Bot. Centralbl. list all or at least the new species. Fascicle 1 has fungi only; Fascicles 2 and 3 have algae and fungi.

REFERENCES: Raciborski, Parasitische Algen und Pilze Javas, 3 parts, Batavia, 1900.

Gutwinsky. De Algis a Dre. Raciborski in insula Java collectis. Bull. Acad. Sci. Cracovice **1902:** 575–617.

LABELS: Printed, without title, with number, name, authority, remarks in German.

51 *Phyllosiphon arisari* Kühn. FH

REMARKS: See another set of Raciborski PART II. ALGAE.

RELIQUIAE FARLOWIANAE. See Cryptogams Distributed by the Farlow Herbarium, p. 11, above.

Schläger, Fr.

100 GETROCKNETEN KRYPTOGAMISCHE GEWÄCHSE (MOOSE UND FLECHTEN). Gesammelt, mit lateinischen und deutschen Namen und doppeltem Register versehen und herausgegeben von Fr. Schläger. Numbers 1–100. Eckartsberga (Eckarthaus), 1850.

L, M

DATE OF PUBLICATION: Fourth quarter of 1850, according to Hinrichs **5:** 374, 1850.

INDEX: Listed in Bot. Zeit. **9:** 237–239, 1851. Lichens, numbers 72–100, in Lynge 488.

LABELS: Non vidi. See 1 *Fontinalis antipyretica* L.

REMARKS: Hinrichs describes this as a 4° portfolio, with 13 "plates" and 6 pages of text.

Schleicher, Johann Christoff (1786–1834).

PLANTAE CRYPTOGAMICAE HELVETICAE, QUAS IN LOCIS EARUM NATALIBUS COLLEGIT ET EXSICCAVIT J. C. SCHLEICHER. Centuries I–V, 500 numbers. Bex, 1805–1807.

L, H, M

DATES OF PUBLICATION: The chief source of information is Jour. Bot. Schrader. Some authors in citing the specimens assume a date of issue of the specimens as the year earlier than the review in the journal; usage in this case is far from consistent, and it seems safer to follow Sydow 117 in dating the exsiccata and the review to the same year. Both Sydow and Bridel in Bryologia universa, 1826, list a 6th century, but I find no other evidence for it.

Century	Numbers	Jour. Bot. Schrader II
1	1–100	**1**(1): 177–178. 1805
2	1–100	**1**(2): 195–197. 1806 (publ. Nov 1805)
3	1–100	**1**(2): 198–200. 1806 (publ. Nov 1805)
4	1–100	**1**(3): 197–198. 1806 (Jan)
5	1–100	**2**(1): 170–172. 1807 (Jan-Jun)

INDEX: Listed in Jour. Bot. Schrader. Lichens in Lynge 489–490.

LABELS: Printed, without title, with number, name, authority; habitat in Latin. 3.14 *Grimmia gracilis* S. G

REMARKS: This exsiccata is quite distinct from the catalogue offerings of Schleicher and contains specimens not there listed. His Catalogus plantarum in Helvetia of 1800, 1807, 1815, and 1821 were issued primarily as lists of specimens for sale or exchange (Flora **5:** 464. 1822 and **7:** 335. 1824). One ordered any assortment at 36 livr. per century if less than 200 were ordered, the price descending to 24 livr. for more than 350 (Jour. Bot. Schrader II. **2**(2)**:** 372. 1807). Names of phanerogams in the catalogues have page numbers of Haller's Historia stirpium, 1768, but the cryptogams have no numbers, though most of them have authorities. Labels which I take to be of these specimens at G are handwritten, the name preceded by the number of the Linnean class (xxiv. crypt. alga Lichen Lentiger). While new taxa in the catalogues are without descriptions, new combination are acceptable, and older taxa are validated by citation (see Fuchs, Taxon **14:** 245–246, 1965).

Schrader, Heinrich Adolph (1767–1836).

SYSTEMATISCHE SAMMLUNG CRYPTOGAMISCHER GEWÄCHSE. Herausgegeben von H. A. Schrader. Fascicles I–II, numbers 1–174. Göttingen, 1796–1797.

L, H, M

DATES OF PUBLICATION: From Ann. Bot. Usteri **20:** 100–115, 1796, and **22:** 75–87, 1797.

Fascicle	Numbers	Date
1	1–90	1796
2	91–174	1797

INDEX: Ann. Bot. Usteri, above. Lichens in Lynge 491–492. Numbers 1–24 are pteridophytes, 25–91 mosses, 92–115 hepatics, 116–174 lichens.

REFERENCES: Schrader. Plantae cryptogamae novae, rariores aut minus cognitae. Jour. Bot. Schrader **1799** 2(1)**:** 55–70 and **1801** (1)**:** 66–80. Many of the taxa in the exsiccata are described (e.g., in 1801, 49 *Trichostomum tortile.* 100 *Jungermannia incisa*), but also many taxa not in the set.

LABELS: Printed, with number, name, and authority only. 129 *Lichen rangifera. alpestris* Linn. A ticket on the specimen at L identifies the set as "Schrader Samml. Crypt. Gew."

Schultz, Friedrich Wilhelm (1804–1876), Paul Constant Billot (1796–1863), Vital Badoux, Albert Guichard, Paul Guichard, Justin Paillot (1829–1891).

These authors produced a series of exsiccatae with the original title of Flora Galliae et Germaniae Exsiccata, accompanied by critical and descriptive texts. The series was begun by Schultz in 1836, and the first four centuries had folio-size texts, now extremely rare (see Stafleu 435, who has studied them at L). From 1842 to 1855 the text was a journal in octavo titled Archives de la Flore de France et d'Allemagne, continuously paged. In 1847, at p. 77, the text began also to

include Billot's exsiccata, which was intended to complement Schultz's by providing the less rare plants of the same region. Schultz's parts were still issued from Bitsche and alternated with Billot's from Haguenau. In 1853 (Archives Fl. Fr. Allem. 283–284) Schultz determined to begin a new exsiccata and a new text, partly because most of his specimens were destroyed in an accident during his removal from Bitsche to Wissembourg, partly, as he indicated later (Archives Flore 207), because Billot was also issuing rare specimens contrary to their agreement, although they remained friends. See his Herbarium normale, below.

Billot continued to issue his exsiccata and the original text to 1855, when he dropped Schultz's name from the subtitle of his set and began a new text with the title Annotations à la Flore de France et d'Allemagne. The numbering of the set was not interrupted and it continued to 1861. After Billot's death, Bavoux and others took up the set with a slight change of title but not of numbering, and with a new text called Billotia ou Notes de Botanique.

(1) FLORA GALLIAE ET GERMANIAE EXSICCATA. Herbier des plantes rares et critiques de la France et de l'Allemagne, recueillies par la Société de la Flore de France et d'Allemagne, publié par le docteur F. Schultz. Centuries I–XVI, numbers 1–1600. Bitsche, 1836–1852.

Centuries	Numbers	Date	Text
1	1–100	1836	Flora Gall. Germ. Exs. 8 p.
2	101–200	1838	Flora Gall. Germ. Exs. 4 p.
3–4	201–400	1840	Flora Gall. Germ. Exs. 6 p. (Centuries 1–4 dated also in Archives Fl. Fr. Allem. p. 5)
5–6	401–600	Nov 1842	Archives Fl. Fr. Allem. 1–48
7–8	601–800	15 Mar 1844	49–76
9–10	801–1000	28 Dec 1847	79–106
11–12	1001–1200	25 Feb 1848	120–142
13–14	1201–1400	29 Jan 1851	167–186
15–16	1401–1600	16 Dec 1852	207–258

(2) FLORA GALLIAE ET GERMANIAE EXSICCATA. Herbier servant complément à celui du docteur F. Schultz, publié par C. Billot. Centuries I–XVI, numbers 1–1600. Haguenau, 1846–1855.

Centuries	Numbers	Date	Text
1	1–100	24 Apr 1846	Archives Fl. Fr. Allem. 77–79
2	101–200	Feb 1847	143–166
3	201–300	Feb 1848	143–166
4–5	301–500	Apr 1850	
6–7	501–700	28 Feb 1851	187–194
8–9	701–900	Feb 1852	195–206
10–11	901–1100	Apr 1853	259–282
12–14	1101–1400	Feb 1854	287–326
15–16	1401–1600	Feb 1855	327–350

(3) FLORA GALLIAE ET GERMANIAE EXSICCATA. Herbier publié par C. Billot. Centuries XVII–XXXIII, numbers 1601–3300. Haguenau, 1855–1861.

Centuries	Numbers	Date	Text
17–18	1601–1800	Dec 1855	Annot. Fl. Fr. Allem. 5–38
19–20	1801–2000	Dec 1856	39–100
21–22	2001–2200	Dec 1857	101–116
23–24	2201–2400	Jun 1858	117–140
25–26	2401–2600	Feb 1859	141–164
27–28	2601–2800	Dec 1859	165–215
29–30	2801–3000	Feb 1861	216–269
31–33	3001–3300	Feb 1861	270–277

(4) FLORA EXSICCATA DE C. BILLOT. Continuée par V. Bavoux, A. Guichard, P. Guichard, et J. Paillot. Centuries XXXIV–XL, numbers 3301–4000. Besançon, 1864–1869.

Centuries	Numbers	Date	Text
34–35	3301–3500	Mai 1864	Billotia 5–10
36–37	3501–3700	Mar 1866	52–57
38–40	3701–4000	Mai 1869	101–108

INDEX: In the texts as noted above except for Schultz's first four centuries. Century 1 is listed in Flora **20** Intell. 1:10–16, 1837, and Centuries 3–4 in Flora **23** Intell. 1:20–22, 1840. There is a list of Centuries 1–10 of Schultz in Archives Fl. Fr. Allem. 107–119, and of Centuries 1–20 of Billot in Annot. Fl. Fr. Allem. 65–94. Some centuries were listed in reviews in Flora. Lichens partly listed in Lynge 492–493.

The centuries are largely, and some exclusively, of flowering plants, but there are at least 150 specimens of algae, lichens, hepatics, and mosses, among them new combinations.

REFERENCES: Stafleu, Taxonomic Literature, 1967, p. 435–436. Describes and dates the texts.

Salmon, Jour. Bot. Lond. **66:** 107–113. 1928. Describes the first issue of Archives Fl. Fr. Allem.

LABELS: Printed, with title, number, name, authority and citations, collecting data. (1) 781 *Ramalina pollinaria* Ach. (2) 100 *Funaria hygrometrica* Hedw. (3) 2784 *Orthotrichum anomalum* Hedw. (4) 3957 *Barbula gracilis* Schw.

BM, G, K, NY, PC

Schultz, Friedrich Wilhelm (1804–1876).

HERBARIUM NORMALE. Herbier des plantes nouvelles peu connues et rares d'Europe principalement de France et d'Allemagne publié par F. Schultz. Centuries I–XII, numbers 1–1200. Wissembourg, 1856–1869.

A, H, M

DATES OF PUBLICATION AND INDEX: From Archives de Flore, journal botanique rédigé par F. Schultz, 382 p., Dec 1854–15 Jun 1869. A catalogue of the 12

centuries was published separately in 1869 There are cryptogams in Centuries 2, 4, 6, 8, 10, and 12.

Centuries	Numbers	Date	Arch. Flore
1–2	1–200	15 Aug 1856	218–223
3–4	201–400	Dec 1858	263–267
5–6	401–600	Apr 1861	293–296
7–8	601–800	Mar 1864	327–330
9–10	801–1000	Jun 1866	346–350
11–12	1001–1200	Mai 1869	366–370

REFERENCE: There is an obituary of Schultz in Jour. Bot. Lond. **6:** 64, 1877.

LABELS: Printed, with title, century number, specimen number, name, authority and citations, collecting data. 1199 *Weissia mucronulata* Bruch.

BM, FH, K, PC

REMARKS: There were several continuations of this set, but I have not worked out their dates of issue or the relation of those published by Schultz to his Archives de la Flore d'Europe, 1872–1874 (see Stafleu, Taxonomic Literature, 1967, p. 436).

There are labels with the title "F. Schultz, Herb. norm. Suppl. 1," with the same numbers as the original set prefixed by "ad." At PC, ad 791 is *Grimmia orbicularis,* collected in 1872; 791 was the same species collected in 1859 and 1863.

Labels titled "F. Schultz et F. Winter, herbarium normale. Cryptogamia. Cent. 1" (40 *Mnium spinosum* at PC) are probably of the three centuries, two of phanerogams and one of cryptogams, referred to in Jour. Bot. Lond. **10:** 64, 1872, and Bull. Soc. Bot. Fr. **19:** 256, 1872.

After Schultz's death a new series titled "Herbarium normale. Conditum a F. Schultz" was issued by Keck through Century 31 in 1894 (Bot. Centralbl. **60:** 297. 1894) and then by I. Dörfler through Century 43 in 1902 (receipt of issues dated in Hist. Coll. BM), but I have seen no labels and suppose that there were no cryptogams.

Sieber, Franz Wilhelm (1789–1844).

HERBARIUM NOVAE HOLLANDIAE.

A, L, H, M

DATE OF PUBLICATION: The expedition was made in 1822–1823. Specimens were sent out soon afterwards, and 480 species of phanerogams had been issued by 1825. Cryptogams of the set were reviewed in 1824, 1826, and 1827 (Flora **7:** 717–720. 1824; Flora **9** Beil. 1(1): 92. 1826; Linnaea **2:** 38–46. 1827). Musci were named by Hornschuch and by Schwaegrichen, Algae by Mertens, Lichenes by Laurer.

REFERENCE: Maiwald, Geschichte der Botanik in Böhmen, p. 111 ff, says that new taxa were published in Oken's Isis.

LABELS: Non vidi. Paris in Index Bryol. cites 2 *Hypnum radicale* Hsch., and Nees in Linnaea **6:** 623, 1831, describes number 35 as *Jungermannia stolonifera,* sp nov. There are unnumbered specimens of Sieber from New Holland at G.

REMARKS: Sieber issued many other exsiccatae, but I have not been able to determine which of them contain cryptogams. Among them are: Plantae rariorum siccarum, 7 fascicles, 1811; Plantae alpini, 3 fascicles, 1811; Plagii Romani et Neapolitani, 4 fascicles, 1811; Plantae Neapolitani, 7 fascicles, 1811; Herbarium florae Aegyptiacae, Creticae, Palaestinense, 1820; Herbarium florae Austriacae, 300 specimens, 1821.

Simmer, Hans.

CRYPTOGAMEN DES KREUZECKGEBIETES. Centuries I–IV, 400 numbers. Dellach, 1900–1901.

A, L, H, M

DATES OF PUBLICATION: From reviews. Each class of plants was numbered separately, Algae from 1001, Fungi from 2001, Lichenes from 3001, and Bryophyta from 4001.

Centuries	Numbers	
1–2	Lichenes 3001–3100 Musci 4001–4050	Allg. Bot. Zeitschr. **6:** 15–16. 1900; Bot. Centralbl. **81:** 299–300. Mar 1900 ("shortly")
3–4	Algae 1001–1150 Musci 4051–4070	Allg. Bot. Zeitschr. **7:** 142–143. Jul/Aug 1901; Bot. Centralbl. **89:** 504. Mar 1902

INDEX: Some of the species were named, without numbers, in the Allg. Bot. Zeitschr. reviews, e.g., *Chroococcus alpinus* Schmidle, sp nov.

REFERENCES: Prospectus in Allg. Bot. Zeitschr. **5:** 135, 1899, and **5:** 168, 1899. The title in Herbarium 50, 1919, is Kryptogamen der Kreutzeckgruppe.

LABELS: The title is in rubber stamp, the number in handwriting, the name, authority, and collecting data in mimeograph ("hektograph"). 3045 *Ephebe pubescens* Fr. G

REMARKS: Only 10 copies were issued, in booklike portfolios, at a cost of 15 marks or 8 francs per century. Some of the algae were on slides and some in formalin.

Allg. Bot. Zeitschr. in 1901 stated that Simmer would issue an exsiccata under the title Cryptogamen des Oberteierischen Erzgebirges.

Šmarda, Jan (1904–x).

CRYPTOGAMAE CECHOSLOVENICAE EXSICCATAE. Editae ab Instituto Botanico Musei Moraviensis. Series I–VII, numbers 1–350. Brno, 1950–1958.

L, H, M

DATES OF PUBLICATION AND INDEX: Schedae are dated separates from Casopis Moravskeho Musea v Brne (Acta Musei Moraviae), volumes 35, 36, 37, 39, 40. The numbers omitted below are fungi.

Series	Numbers	Date
1	1–50 Hepaticae, Decades 1, 2: numbers 31–50	1950
2	51–100 Hepaticae, Decade 3: numbers 81–90 Musci, Decade 1: numbers 91–100	1951

Series	Numbers	Date
3	101–150	1952
	Musci, Decades 2, 3: numbers 131–150	
4–5	151–250	1954
	Hepaticae, Decades 4–7: numbers 201–240	
	Musci, Decade 4: numbers 241–250	
6	251–300	1955
	Lichenes, Decade 1: numbers 281–290	
	Musci, Decade 5: numbers 291–300	
7	301–350	1958
	Hepaticae, Decade 8: numbers 321–330	
	Musci, Decades 6, 7: numbers 331–350	

LABELS: In different series, they may be printed, mimeographed, stamped or typewritten. Title, number, name, authority, locality in Latin, date, collector. 323 *Fimbriaria fragrans* (Schl.) Nees. L, NY

REMARKS: Although Šmarda does not appear as author either on labels or on schedae, all the specimens I have seen are collected by him, and I attribute the set to him in order to distinguish it from the identically named earlier set of Kavina and Hilitzer, q.v.

Sommerfelt, Søren Christian (1794–1838).

PLANTARUM CRYPTOGAMICARUM NORVEGICARUM, QUAS COLLEGIT EDIDITQUE S. CHR. SOMMERFELT. Centuries I–II, Fascicles I–IV, numbers 1–200. Christianiae, 1826–1830.

A, L, H, M

DATES OF PUBLICATION: First and last fascicles dated on title pages. Confirmed by AVB **1831:** 157.

Century	Fascicle	Numbers	Date	
1	1	1–50	1826	
	2	51–100		
2	3	101–150		
	4	151–200	1830	This is the title page of Fascicle 1 with the number and date written over. Lynge read it as 1836.

INDEX: In Mag. Naturvid. **7**(1)**:** 158–161, 1826, according to Margadant, Early Bryological Literature, p. 223. Lichens in Lynge 493–494.

LABELS: Printed, without title (title in rubber stamp at STR, cut from another sheet at L). Number, name, authority, habitat in Latin, occasional synonyms. 16 *Grimmia ovata* Hook. In the second century, the first digits, 10 or 1, are added in ink. FH, L, NY, STR, UPS

REMARKS: At FH in six bound books, 18×28 cm; at UPS, unbound.

Tolf, Robert (1839–1903).

SVERIGES TORFBILDANDE VAXTER, UTGIFNA AF SVENSKA MOSSKULTURFORENINGEN. Fascicles I–II, numbers 1–104. Jönköping (Halls), 1900–1901.

L, H, M

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–52	1900
2	53–104	1901

INDEX: Included.

LABELS: Printed, with title, fascicle number, number, name, authority, collecting data. 1 *Cladonia rhangiferina* var *vulgaris* Schaer. UPS

REMARKS: In 22×34 cm portfolios. The set also includes phanerogamous bog plants.

UNIO ITINERARIA, 1825-ca 1850.

In 1825, a group of botanists in Esslingen hired a young pharmacist, Fleischer, to collect plants in the Tirol. His success (he secured some 15,000 specimens) led E. T. Steudel (1783–1856) and C. F. Hochstetter (1787–1860) to organize a society to underwrite further expeditions. They solicited members under the title Württemburgischer naturhistorischer Reisvereins, but the printed tickets on the specimens carried the name Unio itineraria, abbreviated Unio itin., or U. i. Members contributed a stated sum for a share, or a double share, before the collecting season began. The specimens were sent from the field to the directors, who had them named by experts, prepared the labels, and distributed them promptly.

The only sets I have found in cryptogamic herbaria are those made by Friedrich A. Müller in Sardinia and Genoa in 1827, by an unnamed collector in Friedricksvaern and Drontheim in 1828, by Wilhelm Schimper (1804–1878) near the Red Sea in 1837, by Theodor Kotschy (1813–1866) in Africa in 1839–1840, and by Wilhelm Schimper in Abyssinia in 1837–1842. Of these, the sets of 1827 and 1828 have no serial numbers, and Klotschy's Iter Nubicum, distributed in 1841, had only a few charas (see Flora **24** Intell. 1(2): 41. 1841).

Wilhelm Schimper, cousin of Wilhelm Philipp Schimper, was employed for many years as a collector by Unio. In 1831–1832 he was in Algeria, in 1834, Egypt, then Sinai, the Red Sea Region, and Mecca. By 1837 he reached Abyssinia, where he was to spend the rest of his life, and where he was from 1843 to 1855 the ruler of a province. (The best account of his early experiences is in Lasègue, Musée botanique de M. Benj. Delessert, 1845, p. 163 ff. His later life may be followed in the news sections of Lond. Jour. Bot.) The earlier collections distributed by Unio were almost entirely phanerogams.

Schimper, Wilhelm (1804–1878).

SCHIMPERI ITER ABYSSINICUM. Sectio secunda. Unio itineraria, Esslingen, 1842.

M (+?)

DATE OF PUBLICATION: On the labels. Collection dates 1838–1840. I have seen only mosses from this distribution, about 40 specimens, with numbers in the 400s. The total numbers of the section were probably 400–500.

REFERENCES: Schimper, Berichte aus und über Abyssinien, 4 p., 1852 (separate from Akad. Wien Philos.-histor. Classe, volume 8).

Braun. Bemerkungen über die Flora von Abyssinien. Flora **24:** 257–260, 273–288, 337–340, 705–715. 1841. Braun, in Flora **26:** 749–752, 1843, gives the total numbers by classes of plants collected up to that time by Schimper in Abyssinia.

LABELS: Printed, with title, number, name, authority, habitat and locality, date of distribution, date of collection. 435 *Grimmia abyssinica* B. & S. Although about one-third of the taxa are said to be new, they are not described on the labels. BM, G, PC

REMARKS: So far as I know, only the second section contained nonvascular cryptogams. The others were:

Sectio I. Plantae Adoënses. Collected 1837–1838. Distributed 1840. Listed in Flora **24** Intell. 1(2): 17–32, 1841.

Sectio III. Collected 1840–1842. Distributed in two parts, the second in 1846. Lond. Jour. Bot. **5:** 7–8, 1846.

R. F. Hohenhacker (1798–1874) distributed collections made by Schimper after 1842 under the title Plantae Abyssineae, Ed. II. He offered sets of 100–400 specimens in 1852 (Bot. Zeit. **10:** 817. 1852; Flora **36:** 661. 1853), and was still selling Schimper specimens in the 1860s.

A set of Schimper's Abyssinian collections was issued from the Paris museum in 1853, and a collection made in 1862–1863 was issued in 1869 by the British Museum (Jour. Bot. Lond. **5:** 33–69. 1876).

PC has an album prepared by E. Bescherelle (1828–1903) of minute specimens of Schimper's Abyssinian mosses, representing several distributions.

UNIO ITINERARIA CRYPTOGAMICA, 1863–1868.

In 1861, Wilhelm Philipp Schimper (1808–1880) and Ludwig Rabenhorst (1806–1881) announced from Strasbourg the formation of a society for the collection of cryptogams exclusively. In journals in various languages it was called Kryptogamischer Reisverein, Association pour l'Etude de Cryptogamie, and Cryptogamic Exploring Association. The labels finally carried the abbreviation Unio itin. cr. or Un. itin. crypt. Annual dues were to be 15 francs and subscribers might request that their specimens be of particular groups of plants (Bull. Soc. Bot. Fr. **8:** 775. 1861). I do not find that any collectors were sent out until 1863, when Molendo went to the Tirol. In 1864, subscribers in Britain were asked 12 shillings, and Jean Daniel Buchinger (1805–1888) of Strasbourg was treasurer (Jour. Bot. Lond. **2:** 165. 1864). By 1868, when Lorentz went to Norway for the society, the subscription was 22 francs for 50 specimens, the mosses of the collection to be reserved for those who made a double subscription [Bull. Soc. Bot. Fr. **15:** (nouv.), 1868].

The collections of Molendo made in 1863 were distributed in 1864; subsequently only the date of collection is given on the labels, and from announcements it appears that distribution occurred in the autumn of the same year. All of the labels are printed, with names and authorities, habitat and locality in Latin, but not all had serial numbers. None has diagnosis of new taxa.

(1) MOLENDO, LUDWIG (1833–1902). Tirol. Collected 1863; distributed 1864. 35 *Grimmia tergestina* Tomm. NY, PC, STR

This, or part of this, is cited as Musci Tirol.

REFERENCES: Hedwigia **3:** 190–191. Dec 1864; Flora **47:** 60–62. 1864.

Molendo was the author of several books on Musci, 1865–1875.

(2) KLINGGRAEFF, HUGO ERICH MEYER VON (1820–1902). Silesia. 164–170 numbers. Collected and distributed 1864. 33(30) *Sphagnum fimbriatum* Wils. 116(3) *Cladonia rangifera.* L, NY, PC

REFERENCES: Hedwigia **3:** 190–191, Dec 1864, lists 24 numbers which are in insufficient quantity for all sets.

Roumeguère in 1882 offered for sale a set of Klinggraeff's mosses from Silesia consisting of 82 specimens (Rev. Mycol. **4:** 201–202. 1882).

Klinggraeff was the author of Die Leber- und Laubmoose West- und Ostpreussens, 317 p., 1893.

(3) SCHIMPER, WILHELM PHILIPP (1808–1880). Britain and Ireland. Collected 1865. Issued without numbers. *Grimmia maritima* Turn. BM, NY, PC, STR

REFERENCES: Bull. Soc. Bot. Fr. **12:** 96. 1865; Jour. Bot. Lond. **2:** 165. 1864.

Roumeguère in 1882 offered for sale 82 specimens of mosses of this set.

There are two other Schimper sets dated 1865, also unnumbered: *Pugillus muscorum europaeorum*, 220 specimens (BM has 273); a revised edition of Bryologia europaeae . Stirpes normales (earlier editions 1844, 1855; references: Lond. Jour. Bot. **4:** 571. 1845; Harant. Rev. Bryol. Lichénol. **34:** 720. 1966).

Schimper was the chief author of the classic Bryologia europaea; of the others listed on the title page, Bruch died in the course of preparing the work, and Gümbel was never of more than occasional assistance (Jour. Bot. Lond. **9:** 182–183. 1880).

(4) MARCUCCI, ERNESTO. Italy and Sardinia. Collected 1866. VI *Physica paritina* De Not. L, PC

In Bot. Zeit. **24:** 208, 28 Sep 1866, Rabenhorst reported that Marcucci's first shipment from Sardinia contained 78 fungi, 26 algae, 6 charas, 9 pteridophytes, 4 mosses, and 5 hepatics.

REFERENCES: Hedwigia **4:** 169. Dec 1865; **5:** 116. Jan 1866; **5:** 144. Sep 1866.

(5) HELLBOM, PER JOHANN (1827–1903). Scandinavia. Collected 1867. Numbers follow the collector's name, thus: "*Alectoria ochraleuca* var. *rigida* (Vill.). Un. itin. cr. 1867. Hellbom (12.)." These may be field numbers since some specimens have more than one number: *Andreaea petrophila*, Hellbom (117.118). FH, PC

REFERENCES: Hedwigia **6:** 113–114. Oct 1867. In Hedwigia **7:** 48, Mar 1868, there are corrections of typographical errors on the labels supplied with the set.

Roumeguère in 1882 offered for sale 33 specimens of lichens of this set. FH has lichens numbered, with gaps, from 1 to 68.

In 1871, P. J. and E. V. M. Hellbom issued a set of 66 specimens called Lichenes Lapponicae. These were not consecutively numbered.

In Grevillea **1** (8): 121–126, 1873, Leighton supplied them with numbers and revised the nomenclature from that of Fries to that of Nylander.

(6) Lorentz, Paul Günther (1835–1881). Norway, Finland. Collected 1868. Issued without numbers. *Grimmia torquata* Grev.

BM, G, NY, PC

References: Hedwigia **7:** 62–64. Apr 1868; Bot. Zeit. **26:** 302. 1867.

Lorentz specimens collected in South America in the 1870s (see Grisebach, Plantae Lorentzianae, 1874) were distributed in various sets among which were mosses prepared by Carl Müller (Rev. Bryol. **3:** 16. 1876). BM received over 300 plants in 1878.

Velasquez, Gregorio T.

HERBARIUM OF CRYPTOGAMIC BOTANY, UNIVERSITY OF THE PHILIPPINES. Numbers 1–75. Quezon City, 1964–

Gregorio T. Velasquez is the collector of at least the first 25 numbers.

A

Dates of Publication:

Numbers	
1–25	2 Apr 1964, according to the accompanying index
26–50	Collecting dates 1949–1964
51–75	Collecting dates all 1964

Index: A typed, annotated list with the specimens.

Labels: The title is printed; the name, authority, and collecting data are typewritten; the serial number is handwritten in pencil. 1 *Tydemania expeditionis* Weber-van Bosse. FH

Wagner, Hermann; Albert Wagner.

(1) CRYPTOGAMEN-HERBARIUM. Series I, 120 numbers: Fascicles I–II, 1852; Fascicles III–IV, 1853; Fascicle V, 1854. Series II, 100 numbers: Fascicle I(VI), 1854; Fascicle II(VII), 1855; Fascicle III (VIII), 1860; Fascicle IV(IX), 1862. Bielefeld (Helmich). Several later editions.

(2) CRYPTOGAMEN-HERBARIUM VON H. WAGNER. Fortgesetzt von Albert Wagner. Series I: Fascicles I, IV, V; Series II: Fascicle VII, 1876–1879. Another edition 1880–1882. Series I: Fascicles II, III, 1880. Series II: Fascicle I, 1881; Fascicles III, IV, 1882.

A, L, H, M

Date of Publication: The exsiccatae were issued with, and as illustrations of, Wagner's Führer ins Reich der Cryptogamen. Both specimens and text were in separate fascicles of 25 numbers for each class of plants, respectively, Musci, Hepaticae, Lichenes, Algae; the fifth contained both fungi and vascular cryptogams, of only 20 numbers. Each of the classes in Series 2 begins with number 26; Fascicles 1 and 2 are Musci, 3 is Hepaticae and 4 is Lichenes.

I have given above what I believe to be the first edition; some subsequent editions were unaltered, some revised. The title pages are dated and

the edition indicated. Comparison of the title page dates with Hinrichs, AVB and with reviews in Bot. Centralbl. and Bot. Jahresb., shows that they did actually appear on the dates given. As the sets are of no taxonomic significance, the references are not given here.

LABELS: Printed on the pages to which the specimens are attached; number, name, authority, occasional citations, German name, habitat. Musci, 1 *Phascum cuspidatum;* Hepaticae, 1 *Sarcoscyphus Funckii;* Lichenes, 1 *Usnea barbata.* BM, FH, NY

REMARKS: Each fascicle is a bound pamphlet, 15 × 22 cm.

According to Hinrichs **4:** 138, 1849, Wagner that year published another set of cryptogamic specimens: Gewächse, getrockneten cryptogamie Ostthüringens, Centuries I and II.

Wartmann, Friedrich Bernhard (1830–1902), and Bernhard Schenk (1833–1893); Georg Winter (1848–1887).

(1) SCHWEIZERISCHE KRYPTOGAMEN UNTER MITWIRKUNG MEHRER BOTANIKER GESAMMELT UND HERAUSGEGEBEN VON B. WARTMANN UND B. SCHENK. Centuries I–VII, Fascicles I–XIV, numbers 1–700. St. Gallen (Scheitlin & Zollikofer), 1862–1869.

(2) SCHWEIZERISCHE KRYPTOGAMEN UNTER MITWIRKUNG MEHRER BOTANIKER GESAMMELT UND HERAUSGEGEBEN VON B. WARTMANN UND G. WINTER. Centuries VIII–IX, Fascicles XV–XVIII, numbers 701–900. Hottingen bei Zürich, 1880–1882.

A, L, H, M

DATES OF PUBLICATION: The dates below are from reviews except where indicated. Dates on fascicle covers at FH agree, except that Fascicles 2–4 and 6–8 are dated 1864; these may represent subsequent editions.

Century	Fascicle	Numbers	Date	
1	1	1–50	1862	Bot. Zeit. **20:** 135–136. 25 Apr 1862
	2	51–100	1862	Bot. Zeit. **20:** 175–176. 30 Mai 1862
2	3–4	101–200	1862	Bot. Zeit. **20:** 415–416. 28 Nov 1862
3	5–6	201–300	1863	Hedwigia **3:** 58. Apr 1864
4	7–8	301–400	1863	Hedwigia **3:** 58. Apr 1864
5	9–10	401–500	(1864, cover)	
6	11–12	501–600	1866	Bot. Zeit. **25:** 55–56. 15 Feb 1867
7	13–14	601–700	(1869, cover; accessioned BM 1872)	
8	15–16	701–800	1880	Hedwigia **19:** 42–43. Jan 1880
9	17–18	801–900	1882	Hedwigia **22:** 32. Feb 1883

INDEX: Schedae of Centuries 1–5 published by Wartmann, 1865. Some fascicles listed in reviews. Lichens in Lynge 525–529.

LABELS: Printed, with title, number, name, authority, synonyms, year of issue, collecting data. 894 *Pseudoleskea catenulata* Brid. BM, FH, G, NY, PC

REMARKS: Portfolios of loose sheets, 8vo, with the title on the front and prospectus on the back. The price was 12 francs a century, or 10 francs with a subscription to all issues. A century was offered free in exchange for specimens to make 5 numbers. On the 8th century there is a statement that the edition is of 85 copies. Also offered was a special set of superior specimens, folio, for 15 francs.

Welwitsch, Friedrich Martin Joseph (1806–1872).

CRYPTOTHECA LUSITANA. (1842/50 leg. et ed. Dr. Fr. Welwitsch) Numbers 1–123 (+?).

A, L, H, M

DATES OF PUBLICATION: Welwitsch collected in Portugal for Unio itineraria (q. v.) in 1839–1840. He remained until 1853 collecting on his own. Of those collections, BM received over 1500 plants from 1848–58; Clokie lists collections at Oxford under the title Iter Lusitanicum, 1840–1848. After his death in London there were a series of lawsuits between the Portuguese government and the British Museum over the ownership of his herbarium (see Jour. Bot. Lond. issues 1873–1875).

The set issued as Cryptotheca lusitana is serially numbered. The FH accession file gives numbers 1–123, and Lynge's last number for lichens is 123. However, at FH there is a 125 *Sticta aurata* Del. (this species is number 1 in Lynge) and, at NY, 252 *Fucus vesiculosus* L.

INDEX: Lichens in Lynge 530–531.

REFERENCE: Berkeley, Some notes upon the Cryptogamic Portion of the Plants Collected in Portugal, 1842–1850, by Dr. F. Welwitsch, 24 p., 1853. The Musci and Hepaticae are by W. Mitten.

LABELS: Title and subtitle printed; number, name, authority, handwritten. 19 *Usnea florida.* FH, NY

REMARK: Sydow 122 lists Welwitsch's Phycotheca Lusitana, 156 specimens, 1842–1850. I have not found this set.

Welwitsch, Friedrich Martin Joseph (1806–1872).

ITER ANGOLENSE. London, British Museum of Natural History.

L, M (+?)

DATE OF PUBLICATION: Welwitsch collected in southwest Africa from 1853–1861. The specimens were studied by Welwitsch and others and distributed by the British Museum after his death (Jour. Bot. Lond. **2:** 1. 1873).

I have not been able to ascertain the total numbers. Urban, in Der Königl. Botanische Garten . . zu Berlin, 1891, notes 372 specimens of phanerogams. I have seen scattered numbers of cryptogams from 18 to 137.

REFERENCES: A very large number of new taxa in the exsiccata are cited to the following: Characeae in Braun, Monatsber. Preuss. Akad. Wiss. **1867:** 782–800, 873–944, 1868; Lichenes in Nylander, Bull. Soc. Linn. Normandie II. **2:** 508–521, 1868; Bryophyta in Duby, Mém. Soc. Phys. Nat. Hist. Genève **21:** 215–227, 1870 and **22:** 425–444, 1871/1872.

Nomenclature was revised by specialists, further new taxa described, and most or all specimens listed in W. P. Hiern (editor), Catalogue of the African Plants Collected by Dr. F. Welwitsch, 2(2) Cryptogamia, 1901.

For references to other publications on Welwitsch's collections, see Stafleu, Taxonomic Literature, 1967, p. 497–498.

LABELS: Title printed; number, name, authority, and collecting data handwritten. 72 *Fabronia Angolensis* W. et Duby. BM, G

Westendorp, Gérard Daniel (1813–1868), and Antoine Charles François Wallys (1812–1881).

(1) HERBIER CRYPTOGAMIQUE OU COLLECTION DES PLANTES CRYPTOGAMES ET AGAMES QUI CROISSENT EN BELGIQUE, PAR G. D. WESTENDORP. Fascicles I–VII, numbers 1–350. Fascicles I–V at Bruges (Pachtère), Fascicles VI–VII at Courtrai (Jaspin), 1845–1847.

(2) HERBIER CRYPTOGAMIQUE OU COLLECTION DES PLANTES CRYPTOGAMES ET AGAMES QUI CROISSENT EN BELGIQUE, PAR G. D. WESTENDORP ET A. C. WALLYS. Fascicles VIII–XXVIII, numbers 351–1400. Courtrai (Jaspin), 1849–1859.

A, L, H, M

DATES OF PUBLICATION: Dates of the first 10 fascicles from title pages at PC; of subsequent fascicles from Lynge.

Fascicles	Numbers	Date
1–3	1–150	1845
4–5	151–250	1846
6–7	251–350	1847
8–9	351–450	1849
10	451–500	1850
11–12	501–600	1851
13–14	601–700	1852
15–16	701–800	1853
17–20	801–1000	1854
21–24	1001–1200	1855
25–28	1201–1400	1859

INDEX: An alphabetical index to Fascicles 1–10 was issued with the set in 1850. Lichens in Lynge 531–534.

REFERENCES: Westendorp, Les cryptogames classées d'après leurs stations naturelles, 301 p., 1854.

A bibliography of Westendorp was published in Bull. Soc. Bot. Belg. **9:** 465–472, 1870.

LABELS: Printed, with number, name, authority, synonymy, habitat. 9 *Dicranum glaucum* Hedw. For taxa new to Belgium, there are diagnoses and remarks. FH, K, NY, PC

REMARKS: Issued in bound pamphlets, small 4°. According to Roumeguère (Rev. Mycol. **4:** 201–202, 1882) it was issued under the patronage of the King.

II. ALGAE

Akermark, Sophia (1817–1882).

TYP-SAMMLUNG AF SKANDINAVIENS ALGER INNEHÅLLANDE 100 ARTER. Numbers 1–100. Götheborg (Petersen), 1870.

A

DATE OF PUBLICATION: Title page. Krok **1870:** 3.

LABELS: Printed, with number, name, authority, habitat and locality, month. 1 *Odonthalia dentata* (L.). Genus in bold face, species name in italics.

FH, UPS

REMARKS: Issued in a bound book, 21 × 27 cm.

The author was the sister of J. E. Areschoug.

ALGAE ADRIATICAE EXSICCATAE. Herausgegeben von der k. k. zoologischen Station in Triest. Century I, Fascicle I, numbers 1–30, gesammelt und bestimmt von Prof. Dr. Josef Schiller, 1910. Fascicle II, numbers 31–60, . . . von . . Schiller, Dr. Hermann Cammerloher und Dr. Gustav Seefeldner, 1912. Fascicle III, numbers 61–90, von Seefeldner, 1914. Distributed by Weigel, Leipzig.

A

DATES OF PUBLICATION:

Fascicle	Numbers	Title page	
1	1–30	1910	Herbarium 18, 1910; Nuovo Giorn. Bot. Ital. **17:** 115. 1910; Bot. Jahresb. **38**(1)**:** 405. 1910 (listed); Oesterr. Bot. Zeitschr. **61:** 46. 1911. Received FH 9 Jan 1911
2	31–60	1912	Herbarium 29, 1913; Oesterr. Bot. Zeitschr. **63:** 96. Feb 1913. Fascicles 1 and 2 accessioned NY Mar 1913
3	61–90	1914	Herbarium 37, 1914. Accessioned NY late 1914

INDEX: A numbered list accompanied each fascicle.

LABELS: The title and collector are printed; number, name, authority, and collecting data are typewritten. 60 *Ulva Lactuca* (L.) Le Jol. BM, FH, NY

REMARKS: A continuation appeared under the title: Algae Adriaticae Exsiccatae editae a Dr. Aristocle Vatova. Fascicles I–II, numbers 1–50. Arupium, Italia, 1932–1935.

It was accessioned at FH on 8 Jul 1935. The title pages of the two fascicles state that they include numbers 1–25 and 25–50, but the labels themselves have no numbers, the specimens being arranged alphabetically. The

labels have printed title and handwritten data. The first specimen in the first fascicle is *Bryopsis hypnoides* Lamx. and in the second fascicle *Acetabularia mediterranea* Lamour.

Schiller also issued Hydrobiologische Präparate, das winterliche Teichplankton Mitteleuropas, in 1923 [Oesterr. Bot. Zeit. **72:** 375. 1923; Hedwigia Beibl. **67:** (55). 1925].

ALGAE DISTRIBUTED FROM THE HERBARIUM OF THE UNIVERSITY OF CALIFORNIA. Numbers 1–250.

A

DATE OF PUBLICATION: The last collecting date is 1930. The specimens are arranged systematically and were apparently issued together.

LABELS: Printed, with title, number, name, authority, collecting data. 5 *Arthrospira maxima* S. & G., designated as co-type (as are a number of other specimens), not described. FH, NY

REMARKS: Issued in packets. Most of the specimens were collected by Nathaniel Lyon Gardner (1864–1937).

Other sets of specimens with printed labels but lacking serial numbers were distributed by the University of California:

Algae of Pacific Mexico. *Sargassum Palmeri* Grunow.

Algae of China. *Sargassum hemiphyllum* (Turn.) Ag.

ALGAE PONTI EUXINI EXSICCATAE IN SINU VARNENSE COLLECTAE. Numbers 1–25. Varna, Bulgaria.

A

DATE OF PUBLICATION: FH acquired this set from Weigel on 31 Aug 1936. The dates of collection are 1932 and 1933.

INDEX: A list accompanied the packets.

LABELS: The title and locality are printed; the number rubber stamped; name, authority, and date handwritten. 1 *Polysiphonia variegata* (Ag.) Lenord. FH

REMARKS: This is probably the set announced in Hedwigia Beibl. **73:** (82), 1933, as Algen der Schwartzen Meeres, Zoologische Meerestation in Varna. In Hedwigia Beibl. **74:** (138), 1934, the editor is given as Paspaloff.

ALGAE SCHOUSBOEANAE. Fascicles I–IV, numbers 1–494. 1883.
[Schousboe, Peter Kofod Anker (1766–1832)]

A

DATES OF PUBLICATION: Apparently all fascicles received together at BM 22 Aug 1883. The numbers here are from the BM schedae file.

Fascicle	Numbers
1	1–147
2	148–258
3	259–361
4	362–494

INDEX: Specimens cited by number in Bornet, Les algues de P.-K.-A. Schousboe, récoltées au Maroc et dans la Mediterranée de 1815 à 1829, 216 p., 1892 (extracted Mém. Soc. Nat. Sci. Cherbourg, 1892.)

REFERENCES: The Bornet book above quotes Schousboe's unpublished descriptions and describes new taxa in Latin, e.g., 60 *Ulva Schousboei* Bornet.
Bornet commented on several numbers in Rev. Gén. Bot. **1:** 5, 1889.

LABELS: Facsimile autograph with title, number, name, authority, locality, and date of collection. 419 *Delesseria ruscifolia* Lamour. BM, PC

REMARKS: Bornet states that part of Schousboe's herbarium was purchased by the King of Denmark for the Botanical Garden at Copenhagen. The remainder was acquired by Ernest Cosson, who turned the algae over to G. Thuret, who, however, had not identified them at the time of his death (in 1875). Bornet then took them up, labelled them, and returned them to Cosson. They were distributed by Cosson's collaborator, Louis Kralik (1813–1892).

Allen, Guy Oldfield (1883–1963).

BRITISH CHAROPHYTA. Slide series I, numbers 1–24, 1949.
A

DATE OF PUBLICATION: Labels dated.

INDEX: The mimeographed list which accompanied the set has number, name, authority, and comments.

REFERENCE: An obituary of Allen in Taxon **14:** 206–207, 1965.

LABELS: Printed title; the number, date, name, authority and place of collection in handwriting. 1 *Nitella opaca.* BM

REMARKS: The author acknowledged the assistance of Mr. L. C. Lyon.

Allen, Guy Oldfield (1883–1963).

CHAROPHYTA INDICA. Fascicle I, numbers 1–14. 1927.
A

DATE OF PUBLICATION: Fascicle dated. Received at BM in 1927 and at FH 15 Mar 1928.

INDEX: A list accompanied the specimens. Groves and Allen, On some Indian Charophyta, extracted Jour. Bot. Lond. Dec 1927, lists and comments on all numbers, including five new species.

LABELS: Title, fascicle number, place of collection, and collector printed; number, name, authority, date of collection handwritten. 5 *Nitella flagellifera* Groves & Allen, not described. FH

REMARKS: Specimens on herbarium sheets in a portfolio. BM has 16 specimens, FH has 14.

Allen, Timothy Field (1837–1902).

CHARACEAE AMERICANAE EXSICCATAE DISTRIBUTAE A T. F. ALLEN, M.D. Pars I, numbers 1–10; Fascicles II–IV, numbers 11–40a; numbers 41–46. Boston (Pars I), New York, 1880–1895.

A

DATES OF PUBLICATION:

Fascicle	Numbers	Probable date	
1	1–10	1880	Letter with specimens from Allen to Asa Gray at FH dated 8 Dec 1880; Bot. Centralbl. **5:** 391. 1881 (list); Grevillea **9** (51): 95. 1881 (list); Jour. Bot. Lond. **10**(3): 92. 1881
2–3	11–30	1882	Bot. Centralbl. **15:** 187. 1883 (list)
4	31–40+40a	1884	Bot. Gaz. **9:** 68. Apr 1884
(5)	41–46 (at FH)	1895	Numbers 41–43 received BM 8 Dec 1895

INDEX: A list accompanied the four fascicles; some were listed in the reviews above.

REFERENCES: The specimens were to supplement Allen's Characeae Americanae Illustrated and Described, parts 1 and 2 (1 p., 1 pl. each), 1879, and the author offered to send copies of the book to anyone who would send him 50 specimens of any kind of *Chara* (Bull. Torrey Club **6:** 315. Mai 1879). This publication did not continue but Allen later issued The Characeae of America, as follows: Part 1, p. 1–64, 1888; Part 2(1), p. 1–8, 1893; Part 2(2), p. 9–17, Dec 1894; Part 2(3), p. 19–28, 1896. Allen, Bull. Torrey Club **20:** 258, 1893, says that Part 2(1) actually appeared in 1892.

LABELS: Printed, with title, number, name, authority, synonyms, collecting data. 2 *Nitella intermedia* Nordst., sp nov, described in Latin. BM, FH, L, PC

REMARKS: Specimens attached to small sheets in a portfolio.

Allen, Timothy Field (1837–1902).

CHARACEAE JAPONICAE EXSICCATAE DISTRIBUTAE A T. F. ALLEN, M.D. Numbers 1–17. 1895.

A

DATE OF PUBLICATION: Received BM 12 Aug 1895. Sydow 122 has 1897.

INDEX: A list accompanied the specimens.

REFERENCES: Allen. Bull. Torrey Club **21:** 523–526. 1894, **22:** 68–71. 1895, **25:** 73–82. 1898. New species described as well as some species later issued by Allen without serial numbers.

LABELS: Printed, with title, number, name, authority, and locality. 4 *Nitella Japonica* Allen, not described. BM, FH, L, NY, PC

REMARKS: Issued on 20 × 25 cm sheets. The specimens were collected by Kenzo Saito, whom Allen employed for the purpose.

Allen issued further specimens with printed labels bearing this title but without serial numbers. FH has 14 specimens of *Nitella*. They are not all from Japan, e.g., *N. Missouriensis* Allen was collected in Missouri in 1895.

Allen's *Chara* herbarium is described in Jour. N. Y. Bot. Gard. **2:** 52–54, 1901, at the time of its acquisition.

Areschoug, Johan Ehrhard (1811–1887).

ALGAE SCANDINAVICAE EXSICCATAE QUAS DISTRIBUIT JOHN EHRH. ARESCHOUG. Fascicles I–III, numbers 1–84. Gothoburgi (Prytz), 1840–1841.

A

DATES OF PUBLICATION: Title pages dated. Acquired by BM 1840, 1841.

Fascicle	Numbers	Date	
1	1–25	1840	Linnaea Lit. Ber. **1841** (3): 37
2	26–50	1840	(Bound with Fascicle 1)
3	51–84	1841	

INDEX: Some species listed in the Linnaea review.

LABELS: Printed, with number, name, authority, collecting data. 71 *Elachrista stellaris*, described in Latin. BM, NY, PC, UPS

REMARKS: Issued in two paperbound books, 7 × 12 inches.

Areschoug Johan Ehrhard (1811–1887).

ALGAE SCANDINAVICAE EXSICCATAE QUAS ADJECTIS CHARACEIS DISTRIBUIT JOHN EHRH. ARESCHOUG. Serie novae. Fascicles I–IX, numbers 1–430. Upsaliae (Typis Academiae; Fascicle 5, Leffler), 1861–1872.

A

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–50	1861	Bot. Zeit. **20:** 23. Jan 1862 (list)
2–3	51–150	1862	Hedwigia **2:** 128–130. 1863 (list of Fascicles 1–3)
4	151–200	1863	Bot. Zeit. **22:** 375–376. Dec 1864 (list); Hedwigia **3:** 10–12. Jan 1864
5	201–250	1864	Bot. Zeit. **23:** 319–320. Oct 1865 (list)
6	251–300	1866	Hedwigia **6:** 62–63, 1867 (list)
7–8	301–400	1872	Hedwigia **12:** 90–91. 1873. Fascicle 8 in 1873, written in copy at FH
9	401–430	1879	Bot. Jahresb. **7:** 461. 1879. Sydow 120 gives 450 numbers

INDEX: See reviews above and in Bot. Notiser. Cited in Areschoug's Observationes Phycologicae, 1866–1884.

Corrections and observations were issued with Fascicles 2–3.

LABELS: Printed, with number, name, authority, collecting data, and remarks. Some new taxa are described. 257 *Furcellaria fastigiata* forma *tenuior*.
BM, NY, PC, UPS

REMARKS: Bound uniformly with his Algae Scandinavicae exsiccatae.

Areschoug, Johan Ehrhard (1811–1887).

PHYCEAE EXTRAEUROPAEAE EXSICCATAE QUAS DISTRIBUIT JOHN EHRH. ARESCHOUG. Fascicle I–III, numbers 1–90. Upsaliae (Leffler), 1850–1856.

A

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–30	1850	Hinrichs **6:** 37. (first quarter) 1851; Bot. Zeit. **9:** 237. Mar 1851
2	31–60	1854	Hinrichs **9:** 374. (fourth quarter) 1854; Bot. Zeit. **12:** 638. Sep 1854 (list)
3	61–90	1856	Hinrichs **12:** 32. (first quarter) 1857, but Bot. Zeit. **20:** 15–16. Jan 1862 (list)

INDEX: See reviews.

REFERENCE: Areschoug, Phyceae novae et minus cognitae in maribus extraeuropaeis collectae, 1855 (extracted Acta Reg. Soc. Sci. Ups., 1854).

LABELS: Printed, with number, name, authority, place of collection. 1 *Sargassum cymosum* Ag.
FH, PC, UPS

REMARKS: Bound uniformly with his Algae Scandinavicae exsiccatae. Only 20 copies were issued, according to Bot. Zeit. **20:** 15, 1862.

Arnott, George Arnott Walker (1799–1868).

DIATOMÉES. Collection J. Deby. Numbers 1–750.

A

DATE OF PUBLICATION: Robert Ross says that Walker Arnott had the numbered tubes of diatoms of Julian Marc Deby (1826–1895) and from time to time made slides from them, but not with a view to preparing identical sets. It is therefore possible that this set at PC is unique.

LABELS: The title on the slides is printed; the number, name, and place of collection are handwritten. 1 *Coscinodiscus;* 2 *Cocconema parvum;* 3 *Tothenia enervis.*

Blum, John L. (1917–x).

VAUCHERIAE EXSICCATAE. 22 numbers. Buffalo, New York, 16 Jun 1960.

A

DATE OF PUBLICATION: Information from the author. The numbers distributed were 1, 2, 4, 5, 7, 8, 14, 15, 16, 19, 20, 21, 22, 24, 28, 33, 34, 36, 40, 41, 44, 45. These numbers were sent to FH, NY, and to Prof. Kaaki Yamagishi in Japan. The author expects that the set will include about 50 numbers, to be distributed to some 15 institutions.

LABELS: Mimeographed, with title, number, name, authority, collecting data. 1 *V. arcassonensis* Dangeard. NY

Braun, Alexander Carl Heinrich (1805–1877), Gottlob Ludwig Rabenhorst (1806–1881), and Ernst Stitzenberger (1827–1895).

DIE CHARACEEN EUROPA'S IN GETROCKNETEN EXEMPLAREN, UNTER MITWIRKUNG MEHRER FREUNDE DER BOTANIK, GESAMMELT UND HERAUSGEBEBEN VON PROF. A. BRAUN, L. RABENHORST, UND E. STITZENBERGER. Fascicles I–V, numbers 1–121. Dresden, 1857–1878.

A

DATES OF PUBLICATION: Title pages dated.

Fascicle	Numbers	Date	
1	1–25	1857	Prospectus in Flora **39:** 223–224. 1856; Oesterr. Bot. Zeitschr. **8:** 38–39. 1858
2	26–50	1859	Pritzel, p 356, has 1858
3	51–75	1867	Hedwigia **6**(10): 160. 1867 and **7**(1): 26–29. 1868
4	76–100	1870	Hedwigia **9**(3): 48. 1870 and **9**(5): 71. 1870
5	101–121	1878	Hedwigia **17**(8): 96. 1878

REFERENCE: Braun, Conspectus systematicus Characearum Europaearum, 8 p., 1867, issued with the third fascicle of the exsiccata, though the numbers on the species do not correspond.

LABELS: Printed, with number, name, authority and citations, synonymy, collecting data, some comments. 101 *Nitella flexilis* var *crassa* A. Br., not described. BM, FH, NY, PC, UPS

REMARKS: Tall portfolio with sheets herbarium size.

Braun determined the specimens, Rabenhorst prepared and sold the sets, according to Bull. Soc. Bot. Fr. **6:** 696, 1859. The price was 8 marks per fascicle.

Chalmers, James.

ALGAE SCOTICAE; OR DRIED SPECIMENS OF PLANTS BELONGING TO THE ORDER OF ALGAE; COLLECTED IN SCOTLAND, AND ARRANGED BY JAMES CHALMERS. Volume I, numbers 1–50. Glasgow, 1826.

A

DATE OF PUBLICATION: Title page dated.

LABELS: Printed, with number, name, reference to Hook. Fl. Scot. and Ag. Syst. Alg., synonyms, habitat. 29 *Delesseria alata*. FH, G, NYS

REMARKS: A bound book, 23 × 30 cm.

Chauvin, François Joseph (1797–1859), and Michel Robert Roberge (?–1864).

ALGUES DE LA NORMANDIE, RECUEILLIES ET PUBLIEES, LA PARTIE DES ARTICULEES PAR M. ROBERGE, ET LA PARTIE DES INARTICULEES PAR J. F. CHAUVIN. Fascicles I–VIII, numbers 1–200. Caen (Chalopin), 1826–1838.

The above authors are on Fascicles 1, 4, and 5 at FH; the copies at PC and BM and the other fascicles at FH have Chauvin as the only author.

A

DATES OF PUBLICATION: Dates on the title pages are given, followed in parentheses by dates handwritten in French on the copy at FH.

Fascicle	Numbers	Date
1	1–25	1827 (1826)
2	26–50	1827 (1826)
3	51–75	1827 (1827)
4	76–100	1827; but with a printed note dated 25 Oct 1828
5	101–125	1831
6	126–150	(1831)
7	151–175	(1831)
8	176–200	1838 in Hist. Coll. BM

INDEX: Accompanied the fascicles.

LABELS: In Fascicles 1, 4, and 5, printed, with number, name, authority, citation, synonymy, habitat. 16 *Sphaerococcus palmetta* var *Elisiae* Nob. Ined., not described. In Fascicles 2, 3, 6, and 7, the labels are handwritten.

FH, PC, UPS

REMARKS: Bound, folio books, which sold at 25 francs per fascicle.

Reliquiae Chauvinianae were offered by Lenormand and Buchinger after Chauvin's death. These were to be sets of 130 or fewer specimens which Chauvin had intended for Algues de la Normandie, with labels in his handwriting, giving only name and locality. Some were desmids and diatoms on slides (Bull. Soc. Bot. Fr. **7:** 416. 1860). At the same time there was an offer of extra specimens of Fascicle 7 of the exsiccata; there is no mention of a Fascicle 8.

Cleve, Per Theodor (1840–1905), and Johann Diedrich Möller (1844–1907).

DIATOMS. Parts I–VI, numbers 1–324. Upsala (Edquist), 1877–1882.

A

DATES OF PUBLICATION:

Part	Numbers	Title page	
1	1–48	1877	Am. Jour. Microsc. **2:** 153. Nov 1877
2	49–108	1878	Am. Jour. Microsc. **3:** 11. Jan 1878 ("early this year")
3	109–168	1878	Am. Jour. Microsc. **3:** 262. Nov 1878 ("ready"); Brébissonia **1:** 111. 31 Jan 1879
4	169–216	1879	Parts 4 & 5 in Am. Jour. Microsc. **4:** 183. Jul-Sep 1878
5	217–276	1879	
6	277–324	1882	

INDEX: Schedae in pamphlets. "Remarks to the First Part," changing some identifications, is attached to Part 1 at BM. From Part 2 there is a notice that Grunow has examined all the slides.

REFERENCES: Grunow. Am. Jour. Microsc. **3:** 101–105. 1878 (on Part 1).
Smith. Am. Jour. Microsc. **4:** 100–102. 1879 (on Part 3).

LABELS: On the slides, printed, with title ("Cl. a M. Diat."), number, name, authority, and locality. 51 *Thalassiosira Nordskiöldii* Cl. BM, FH, L, UPS

REMARKS: Provenance world-wide; living and fossil forms. The price was 40 shillings or 30 francs for each part. Parts 1 and 2 won a silver medal at the Paris Exposition.

Möller issued various single slides. One, called a Probe-Platte, made for testing the resolving power of microscope objectives, had 20 species, which were listed in Am. Jour. Microsc. **1:** 16–17, 1876. One of his Typen-Platte, in which specimens are arranged in patterns, had 370 species (Bot. Zeit. **26:** 791. 1868).

Cocks, John (1787–1861).

ALGARUM FASCICULI, OR, A COLLECTION OF BRITISH SEA-WEEDS, CAREFULLY DRIED AND PRESERVED, AND CORRECTLY NAMED AFTER DR. HARVEY'S "PHYCOLOGIA BRITANNICA," WITH A DESCRIPTION OF EACH PLANT, TIME OF APPEARANCE, LOCALITY, ETC. Fascicles I–XVIII, numbers 1–180. Fascicle 1 at Dublin (University; Gill), others at Plymouth (Brendon), 1855–1860.

A

DATES OF PUBLICATION: Title pages dated. There are 10 specimens in each fascicle, numbered and arranged systematically; Fascicle 1 begins with number 163.

Fascicle	Date	
1	1855	Preface dated Feb 1855
2–5	1856	
6–11	1856	
12–14	1857	
15–16	1858	
17	1859	
18	1860	

REFERENCE: Cocks, The Sea-Weed Collector's Guide: containing . . . a list of all the known species and localities in Great Britain, 120 p., 1853. There are more species in the exsiccata than in the book.

LABELS: The letterpress consists of a printed page facing each specimen. 163 *Delesseria sanguinea*. Fascicles 17 and 18 have a specimen on the first page without description and a final page of description without specimen.

BM, FH

REMARKS: Sewn, paperbound pamphlets, 7 × 10 inches. The names of 46 subscribers are listed in the first fascicle.

The Catal. Libr. BMNH gives 179 specimens; Hist. Coll. BM gives 180. At BM there is another bound volume of specimens by Cocks with the title British Algae; most labels are printed but there are no serial numbers.

Collins, Frank Shipley (1848–1920).

NORTH AMERICAN ALGAE. Determined by F. S. Collins. Published by the Cambridge Botanical Supply Company, Cambridge, Massachusetts.

A

DATE OF PUBLICATION: Ca 1890s. This company was selling specimens during that time, e.g., Pringle's Mexican Fungi was issued 1 Sep 1896.

LABELS: Printed, with title, number, name, collecting data. 22 *Nodularia Harveyana* (Thwaites) Thuret, collected by Collins in 1894. FH, L, PC

Collins, Frank Shipley (1848–1920), and Alphaeus Baker Hervey (1839–1931).

ALGAE OF BERMUDA.

According to Fahey and Doty, this set was issued in 80 copies, of which 37 went to public institutions in the U.S.A.

NY accessioned 50 specimens of marine algae from Bermuda of Hervey in 1921, and 192 specimens of Collins on 6 Jan 1956.

Collins, Frank Shipley (1848–1920), Isaac Holden (1832–1903), and William Albert Setchell (1864–1943).

PHYCOTHECA BOREALI-AMERICANA, A COLLECTION OF DRIED SPECIMENS OF THE ALGAE OF NORTH AMERICA. Fascicles I–XLVI, numbers 1–2300; Fascicles A-E, numbers I–CXXV. Malden, Massachusetts, 1895–1919.

A

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–50	Feb 1895
2	51–100	Mar 1895
3	101–150	Sep 1895
4	151–200	Mar 1896

Fascicle	Numbers	Date	
5	201–250	Sep 1896	
6	251–300	Jan 1897	
7	301–350	Aug 1897	
8	351–400	Nov 1897	
9	401–450	Mai 1898	
10	451–500	Aug 1898	
11	501–550	Dec 1898	
12	551–600	Apr 1899	
13	601–650	Nov 1899	
14	651–700	Apr 1900	
15	701–750	Jul 1900	
16	751–800	Dec 1900	
17	801–850	Jul 1901	
18	851–900	Nov 1901	
19	901–950	Sep 1902	
20	951–1000	Oct 1902	
21	1001–1050	Mai 1903	
22	1051–1100	Sep 1903	
23	1101–1150	Sep 1903	
24	1151–1200	Apr 1904	
25	1201–1250	Jan 1905	
26	1251–1300	Nov 1905	
27	1301–1350	Dec 1906	
28	1351–1400	Mar 1907	
29	1401–1450	Dec 1907	
30	1451–1500	Mai 1908	
31	1501–1550	Nov 1908	
32	1551–1600	Oct 1909	
33	1601–1650	Apr 1910	
34	1651–1700	Nov 1910	
35	1701–1750	Mai 1911	
36	1751–1800	Dec 1911	
37	1801–1850	Feb 1912	
38	1851–1900	Dec 1912	"Algae of Bermuda"
39	1901–1950	Nov 1913	"Algae of Bermuda"
40	1951–2000	Jul 1914	
41	2001–2050	Mar 1915	"Algae of Bermuda"
42	2051–2100	Mar 1916	"Algae of Bermuda"
43	2101–2150	Aug 1916	
44	2151–2200	Jun 1917	"Algae of Bermuda"
45	2201–2250	Jun 1917	
46	2251–2300	Sep 1919	

Large Format:

A	1–25	Jul 1899	
B	26–50	Mar 1901	
C	51–75	Jun 1902	In boxes
D	76–100	Sep 1905	
E	101–125	Jan 1911	

INDEX: The volumes have an index page. Most fascicles were reviewed promptly in the standard journals, including Bot. Centralbl. and Hedwigia, and many numbers were listed.

REFERENCE: Fahey and Doty, An Alphabetical Index to the Phycotheca Boreali-Americana (mimeographed), 1955. This has a preface giving the history of the set, the present location of most of the copies, and an index to taxa included.

LABELS: Printed, with title, number, name and authority, references, and collecting data. 1 *Dermocarpa prasina* (Reinsch) Born. BM, FH, NY, PC

REMARKS: Bound, 4° books, except that Fascicles A–E are folio. There were 80 copies issued (Bot. Gaz. **20:** 126. 1899).

A "popular edition" of 100 specimens was offered in 1908 (Herbarium 2, 1908). It included the schedae of the original edition, and the specimens were said to be of the original but some of poorer quality. Probably these sets were not uniform.

Crouan, Hippolyte Marie (1802–1871), and Pierre Louis Crouan (1778–1871).

ALGUES MARINES DU FINISTERE. Recueillies et publiées par Crouan, Frères, pharmaciens à Brest. Volumes I–III, numbers 1–404. Brest, 1852.

A

DATES OF PUBLICATION: On title pages.

Volume	Numbers	Date	
1	1–112	1852	Fucoïdées. Preface dated 1 Apr 1852
2	113–322	1852	Floridées
3	323–404	1852	Zoospermées

INDEX: At end of volumes.

REFERENCES: Crouan and Crouan, Florule du Finistère, Contenant les descriptions de 360 espèces nouvelles de Sporogames, 262 p., 1867.

New species of this set were published apparently simultaneously in Ann. Sci. Nat. (Bot.) Paris. In the PC set of the exsiccata, "Crouan Ann. Sc. Nat." is printed after new taxa while the exact citation is written in, e.g., 9 *Cylindrocarpus microscopicus* Ann. Sc. Nat. Tome 15, pl. 16, figs. 1–11.

For a discussion of the Crouans' collections in general, and also this set, see Dixon, Brit. Phycol. Bull. **3:** 213–218, 1967.

LABELS: Printed, with number, name, authority, citation, synonyms, locality. New taxa in early numbers not described on the labels, in later numbers described in French, as 324 *Oscillatoria oceania* Crouan mscr.

BM, FH, NY, PC

REMARKS: Bound volumes, 16×24 cm.

Debeaux, Jean Odon (1826–1910).

ALGUES DELA CORSE. 1864–70.

A

At PC, two portfolios of 144 numbers. The labels are in facsimile handwriting, with the title Algues dela Corse, and with number, name, authority and habitat.

Debeaux was a pharmacist with the army and collected specimens, many of which were distributed, in Algeria and China as well as Corsica.

Debes, E.

SAMMLUNG MIKROSCOPISCHER DIATOMEENPRÄPARATE. Series 1, numbers 1–25. 1919.

A

Reviewed or cited in: Herbarium 50, 1919; Hedwigia Beibl. **62:** (182). 1920; Oesterr. Bot. Zeitschr. **69:** 87. Jan-Mar 1920. This set of slides cost 45 marks.

Delise, Dominic François (?–1841).

NEREIDE FRANÇAISE OU PLANTES MARINES CROISSANTES DANS LES MERS DE FRANCE. Century I, numbers 1–100. Vire, 1823.

A

DATE OF PUBLICATION: From Herbarium 18, 1910.

INDEX: There is a handwritten list in the copy at FH.

LABELS: The labels on the specimens themselves are handwritten, with name, authority, references. The accompanying list is numbered. 1 *Fucus serratus* L. Gmel. FH

REMARKS: In one handmade volume, 20 × 24 cm.

See Delise, Lich. France in PART III. LICHENES

Delogne, Charles Henri (1834–1901).

DIATOMEES DE BELGIQUE. Fascicles I–IV, numbers 1–100. Bruxelles, 1880–1881.

A

DATES OF PUBLICATION:

Fascicles	Numbers	Date	
1–2	1–50	1880	Hedwigia **19:** 168. Oct 1880
3–4	51–100	1881	Bot. Centralbl. **9:** 65. Mar 1882

INDEX: Fascicles 1 and 2 were listed by number in Brébissonia **4:** 14–15, 1882 and in Bot. Centralbl. **5:** 254–255, 1881.

REFERENCE: The set was designed to illustrate van Heurck's Synopsis des Diatomées de Belgique, 235 p., 1880–1885, according to Am. Jour. Microsc. **5:** 157, 1880.

LABELS: Printed, with number, name, locality. 1 *Acnanthes coarctata* (Bréb.) Grun. BM

REMARKS: Slides in boxes. The price was 25 francs each fascicle (Brébissonia **3:** 156. 1881).

De Toni, Giovanni Batista (1864–1924).

HERBARIUM PHYCOLOGICUM, COLLAB. P. HENNINGS, G. LAGERHEIM, I. STRAFFORELLO. Decades I, II, numbers 1–20. Patavii, 1896.

A

DATE OF PUBLICATION: Title page. Received BM 19 Feb 1898. Announced Nuovo Notarisia **6:** 133, Oct 1896.

LABELS: Printed, with title, number, name, authority and references, collecting data. 1 *Hildebrandtia rivularis* (Liebm.) J. Ag. BM, FH, L

REMARKS: Portfolio, 24 × 34 cm, the title page on the cover.

De Toni, Giovanni Batista (1864–1924), and David Levi [-Morenos] (1863–?).

PHYCOTHECA ITALICA, COLLEZIONE DI ALGHE ITALIANE. Centuries I–II, Fascicles I–IV, numbers 1–200. Venezia (Presso Neptunia), 1886–1889.
(Fascicles 3–4 by Levi-Morenos alone).

A

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date	Schedae in Notarisia
1	1–50	1886	**1:** 157–164. Jul 1886
2	51–100	1887	**2:** 233. Jan 1887
3	101–150	1889	**3:** 640–646. Oct 1889
4	151–200	1889	None; announced on cover 31 Oct 1889, but Hist. Coll. BM has 1892.

INDEX: Schedae noted above. Alphabetical list, with corrections, of Century 1 and list of contributors in Notarisia **2:** 322–324, 1887.

Fascicle 1 listed Bot. Centralbl. **29**(1)**:** 24–25, 1887. Fascicle 3 listed Hedwigia **28:** 94, Jan-Feb 1889.

REFERENCE: De Toni and Levi-Morenos, Flora Algologica della Venezia, 5 parts, 1885–1898. Labels on specimens refer to this.

LABELS: Printed, with title, number, name, authority, reference to Flor. Alg. Ven. and other publications, locality, collector. 28 *Ulva latissima* Auct., not described. BM, G, UPS

REMARKS: The title page at BM is 16 × 24 cm.

Dillwyn, Lewis Weston (1778–1855).

BRITISH CONFERVAE. Fascicles I–IV, numbers 1–38.

A

DATE OF PUBLICATION: After 1802, when Dillwyn's Synopsis was issued, and probably before 1809, since the author's book of that year is not referred to.

REFERENCES: Dillwyn, Synopsis of the British Confervae, 14 fascicles, 1802.

Dillwyn, British Confervae; or colored figures and descriptions of the British Plants referred by botanists to the genus *Conferva*, 226 p., 1809.

LABELS: The genus name and "Syn: Brit: Conf. fasc." are printed; the species name and the fascicle and page number are handwritten. *Conferva ericetorum* Syn. Brit. Conf. fasc. 1. 1. I consider the second number to be the serial number of the set. BM

REMARKS: Four pamphlets bound in marbled paper, 7×10 inches. The pages are of gray paper to which is glued the label and the card holding the specimen.

Durant, Charles Ferson (1805–1873).

ALGAE AND CORALLINES OF THE BAY AND HARBOR OF NEW YORK. Illustrated with natural types. Numbers 1–293. New York (Putnam), 1850.

A

DATE OF PUBLICATION: Title page; preface dated Dec 1850.

LABELS: On the specimens themselves there is a number only at BM and PC, but in the copy at FH there are also handwritten names. The printed matter in the book has, as well as numbers of the specimens, names, authorities, descriptions, and localities. They are arranged systematically. 160 *Spyridia Americana*, no author, described in English. BM, FH, NY, PC

REMARKS: A bound 4° volume, apparently not sold; the copies I have seen have presentation inscriptions from members of the author's family. A note says copies apparently differ.

Specimen 175 is accompanied by an engraving of Neptune, to which has been added a balloon with the admonition, "Don't touch the plants, look through a lens."

The NY copy has 178 specimens representing 117 numbers, two (47 *Rhodomela subfusca*, and 48), not in the text.

Eiben, C. E.

DIE BRACK- UND SALZ-WASSERALGEN DER OSTFRIESISCHEN INSELN UND KÜSTEN, GESAMMELT UND HERAUSGEGEBEN VON C. E. EIBEN. Decade 1, numbers 1–10. Auric, 1870. [Another edition at Emden, 1872, fide Hinrichs **27:** 394. (4th quarter) 1872.]

A

DATE OF PUBLICATION: On title page.

INDEX: Listed Hedwigia **10**(1): 16, 1871.

REFERENCE: Eiben, Beiträge zur phykologische Characteristik der Ostfriesischen Inseln und Küsten, 14 p., 1870.

LABELS: I have not seen a label, but from the schedae at BM they appear to be in facsimile handwriting with number, name, authority, citations, habitat. See 1 *Lyngbya Aeruginosa* Ag.

REMARKS: The schedae page is 7×11 inches. The price of the 1870 edition was 1 thaler.

See another Eiben set in PART IV. BRYOPHYTA.

Eiben, C. E.

DIE DIATOMEEN DER OSTFRIESCHEN INSELN UND KUSTEN, GESAMMELT, PRAPARIRT UND HERAUSGEGEBEN VON C. E. EIBEN. Decade 1, numbers 1–10. Auric, 1870.

A

DATE OF PUBLICATION: From Hist. Coll. BM.

INDEX: Listed Hedwigia **10:** 15–16, Jan 1871.

LABELS: On the slides, the number only; the accompanying schedae are printed, with number, name, authority, distribution. 1 *Melosira nummuloides* Ag. BM

Eulenstein, Theodor (?–1875).

DIATOMACEARUM SPECIES TYPICAE STUDIIS TH. EULENSTEIN. Century I (+), numbers 1–100 (+). Stuttgartiae, 1867. Ed. 2, numbers 1–100. Dresden, 1869.

A

DATE OF PUBLICATION: 15 Sep 1867 according to a dated announcement in Bot. Zeit. **26:** 78–79, 31 Jan 1868. BM received 100 specimens in 1868. Prospecti were widely published during 1866, saying that the first century would be sent out Jan 1867 and subsequent centuries at three-month intervals. Robert Ross tells me that the second century was still in preparation when Eulenstein died; his collection was acquired by van Heurck, who gave away some of the material, but this was never considered a set.

The second edition is dated inside the slide box, and is noted in Herbarium 18, 1910.

LABELS: On the slides, printed, with title, number, name, authority, and locality. 140 *Campylodiscus adriaticus* Grun. Ed. 2, 1 *Meilosira nummuloides* (Dillw., Lyngb.) Ag. BM, FH, PC

REMARKS: There were to be 52 sets prepared, to sell for £ 4 or 45 francs a century. The first part was to consist mostly of specimens from Kützing's collection.

Edition 2 was issued in a 20×32 cm box, the slides on cardboard trays.

Farlow, William Gilson (1844–1919), Charles Lewis Anderson (1827–1919), and Daniel Cady Eaton (1834–1895).

ALGAE EXSICCATAE AMERICAE BOREALIS, CURANTIBUS W. G. FARLOW, C. L. ANDERSON, D. C. EATON. Fascicles I–V, numbers 1–230. Boston, 1877–1889.

A

DATES OF PUBLICATION: From title page or index.

Fascicle	Numbers	Date
1	1–50	1877
2	51–100	Apr 1878
3	101–130	1878 (1879 in reviews)
4	131–180	Jun 1881
5	181–230	Jul 1889

INDEX: Most or all of the species were listed in reviews in Grevillea **6**(37): 30–31, 1877, **7**(41): 15–16, 1878, **7**(44): 139–140, 1879, **10**(53): 15–16, 1881. Also in Hedwigia **20**(8): 127–128, 1881, and **28**(6): 391–392, 1889. The fifth fascicle is also listed in Notarisia **4**: 881–882, 1889, and Bot. Centralbl. **39**(11): 314–315, 1889.

REFERENCES: Farlow, Marine Algae of New England and Adjacent Coast, 210 p., 1881.

The obituary of Farlow in Mem. Nat. Acad. Sci. **21**(4): 1–22, 1927, gives an extensive Farlow bibliography, including this set.

LABELS: Printed, with title, number, name, authority, references, locality, collector. 163 *Mesogloia Andersonii* Farlow n. sp., not described.

BM, FH, PC, STR

REMARKS: Issued in small 4° portfolios (bound at FH) at $8 per fascicle of 50 except for Fascicle 3 which had 30 specimens on herbarium-size sheets, and cost $7. Originally there were to have been 50 specimens in this fascicle at $12.

Thirty copies were issued, of which 10 were sold and the rest given to institutions (Bot. Gaz. **2**: 119. 1877; Hedwigia **17**: 132–133. 1878).

The copy at STR lacks numbers 46–51 and has several substitutions. At least one deficiency has been made up with a specimen titled Algae Marinae Am. Bor. (1 *Dasya elegans* Ag.). This title appears on specimens at PC issued by D. C. Eaton without serial numbers.

The Farlow Herbarium has from time to time sent out for gift or exchange groups of specimens collected by Farlow, with the printed title From the Farlow Herbarium, Harvard University. One such set at Leyden has the subtitle Algae Bermudienses Farlow and consists of 20 specimens designated as "Set. No. 3." This was apparently not planned as an exsiccata, and FH has over 150 specimens with this title.

For the set usually cited as Reliquiae Farlowianae, see Cryptogams Distributed by Farlow Herbarium in PART I. GENERAL CRYPTOGAMS.

Ferguson, William (1820–1887), and Albert Grunow (1826–1914).

ALGAE CEYLANICAE, LEGIT W FERGUSON, DETERM. A. GRUNOW. Numbers 1–144/5.

Title from a handwritten list among the schedae at Leyden. According to Index. Herb. **2**(2): 194, Ferguson collected in Ceylon ca 1850–1887.

Foslie, Mikael Heggelund (1855–1909), and Olav Gjaerevoll.

LITHOTHAMNIA SELECTA EXSICCATA. Edited by Olav Gjaerevoll. Numbers 1–32. Trondheim, Jun 1950.

A

DATE OF PUBLICATION: On the index.

INDEX: A numbered list with bibliographic references accompanied the specimens.

REFERENCES: Foslie published many papers on algae, several in Kongeligt Norske Videnskabers-Selskab (Drontheim) between 1893 and 1901.

LABELS: Printed, with title, name, authority, collecting data. The specimens were collected in the 1890s. There are no numbers on the labels, but the accompanying index is serially numbered. 1 *Lithophyllum dentatum* (Kütz.) Foslie. BM, NY, UPS

REMARKS: The editor states that the specimens are duplicates from Foslie's herbarium of species he had described. They were issued in boxes at a price of £ 2½.

Gobi, Christoph Jakosolewitsch (1847–1925).

ALGAE ROSSICAE EXSICCATAE. Numbers 1–50. 1880.

A

DATE OF PUBLICATION: From Sydow 121. Index Herb. **2**(2): 228 gives the date as 1880–83(?).

LABELS: Non vidi

REMARKS: Catal. Libr. BMNH gives the name as Ghobi, and lists papers on algae in Mém. Académie Impériale des Sciences St. Petersburg in 1874, 1877, 1878, and 1885.

Greville, Robert Kaye (1794–1866).

ALGAE BRITANNICAE, DRIED SPECIMENS OF PLANTS BELONGING TO THE ORDER ALGAE, INCLUDING BOTH THE MARINE AND FRESHWATER SPECIES; WITH THEIR SCIENTIFIC NAMES, AND REFERENCES TO THE BEST AND LATEST WORKS ON THE SUBJECT. Part I (+), numbers 1–24 (+). Edinburgh (Maclachlan and Stewart), 1824–1833.

A

DATES OF PUBLICATION: I have seen only Part 1, numbers 1–14, dated 1824 on the title page (preface dated 1 Feb 1824). Sydow 121 gives 24 numbers, but, according to a note on the FH copy, BM has a number 42 (*Chaetophora marina*). Index Herb. **2**(2): 239 dates the whole set 1821–1833.

REFERENCE: Greville, Algae britannicae, 218 p., 1830.

LABELS: Printed, with number, name, authority, references, and habitat. 1 *Laminaria saccharina* Lamour. FH

REMARKS: Fascicle 1 is a 10×12 inch book with cardboard cover.

Groves, Henry (1855–1912), and James Groves (1858–1933).

CHARACEAE BRITANNICAE EXSICCATAE, E DISTRIBUTIONE H. & J. GROVES. Fascicles I–II, numbers 1–60. 1892–1900.

A

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–30	1892
2	31–60	1900

INDEX: On title page.

REFERENCES: Groves and Groves, A review of the British Characeae, extracted Jour. Bot. Lond. volumes 18, 19, 21–25, 33, 1884–1895; Notes on British Characeae, extracted Jour. Bot. Lond. volume 36, 1898.

LABELS: Printed, with number, name, authority, collecting data, remarks. 54 *Nitella Nordstedtiana* H. & J. G., described only as "a small lax form."

BM, FH, NY, PC

REMARKS: Portfolios, 28 × 60 cm.

Groves, James (1858–1933), and George Russell Bullock-Webster (1858–1934).

BRITISH AND IRISH CHAROPHYTA. Fascicles I–II, numbers 1–42. 1924.

A

Cited in Herbarium 69, 1924, Oesterr. Bot. Zeitschr. **74:** 78, 1925, and Index Herb. **2**(2)**:** 243.

Habirshaw, Frederick.

COLLECTIO DIATOMACEAE. New York.

A

REFERENCE: Habirshaw, Catalogue of the Diatomaceae with References to the Various Published Descriptions and Figures, New York, Reproduced by the Edison Electric Pen Process, 1877. Oct 20, 1877 on preface; Mai 1877 on last page. This original edition was limited to 50 copies, for gratuitous distribution.

Habirshaw's Catalogue appeared in various versions. The first I have seen is in Jour. Microg. **3:** 410–414, 453–455, 497–500, 1872, and **4:** 40–42, 98–101, 1873. Am. Jour. Microsc. **4:** 116, 1879, said that a French edition of the 1877 book was in preparation.

NY has three further versions. (1) The first part (four were projected) of 58 p., editor Romyn Hitchcock, New York, 1881–1882, limited to 250 copies. (2) An edition by H. H. Chase, 343 p., Geneva, New York, 1885, in mimeographed hand-lettering. (3) A handwritten, probably unique copy by D. B. Ward, illustrated with blue microphotographs, 2 volumes, 1891.

LABELS: On the slides, handwritten, with name, authority and reference on the left, number on the right. 574 *Nitzschia amphioxys* E. var=*N. vivax* S. B. D. FH

REMARKS: Habirshaw also issued many unnumbered slides of diatoms.

Hamel, Gontran Georges Henri (1883–1944).

ALGUES DE FRANCE . CE RECUEIL PUBLIÉ À 100 EXEMPLAIRES PAR LA REVUE ALGOLOGIQUE SOUS LA DIRECTION DE G. HAMEL. Fascicles I–III, numbers 1–150. Fascicle IV, numbers 151–200, preparé par Mme A. Hamel-Joukov, distribué par la Société Phycologique de France. Paris, 1927–1959.

(The title of each fascicle gives the names of collectors of the specimens; these include P. Allorge, J. Feldmann, P. Frémy, G. Hamel, Mlle A. Joukov [later Mme Hamel-Joukov], Mme A. Leblond, H. Leblond, A. Raphelis, R. Lamy, and L. Sirodot.)

A

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–50	Dec 1927	Rev. Algol. **3:** 352. 1926
2	51–100	Feb 1930	Rev. Algol. **5:** 275–276. 1930
3	101–150	Jun 1931	Fascicles 1–3, Herbarium 86, 1932; Hedwigia Beibl. **71:** (107). 1931 and **72:** (113). 1932; accessioned FH 13 Sep 1933
4	151–200	The printed date is 1950 but the date Oct 1959 is typed on the copy at PC, as is the new subtitle	

INDEX: There is an index page; lists of Fascicles 1 and 2 in Rev. Algol.

LABELS: Printed, with title, number, name, authority and references, and collecting data. 1 *Placoma vesiculosa* Schousboe. FH, PC, UPS

REMARKS: Sumptuous books, 24×30 cm, published at 180 francs.

Hamel, Gontran Georges Henri (1883–1944).

ALGUES DES ANTILLES FRANÇAISES. Recueillies par M. G. Hamel et Mme A. Hamel-Joukov. Ce recueil est publié sous la Direction de G. Hamel à 20 exemplaires par A. de Samol. Fascicles I–III, numbers 1–150. Paris, 1931.

A

DATE OF PUBLICATION: Although the title pages of all three fascicles are dated Dec 1931, they did not appear until late 1932, according to Ann. Crypt. Exot. **5:** 152, 1932, Herbarium 86, 1932, and Hedwigia Beibl. **72:** (230), 1932, **73:** (196), 1933. They were accessioned at FH on 20 Sep 1933.

INDEX: Accompanied the specimens. Fascicle 1 listed in Rev. Algol. **6:** 249–250, 1932.

LABELS: The title is printed; number, name, references, collecting data are in handwriting. 76 *Acrochaetium Domerguei* sp nov, not described. There are a number of new taxa. FH, PC

REMARKS: Bound 4° books, uniform with Hamel's Algues de France. Although only 20 copies were to be issued, at 200 francs each, the FH copy is marked "exempl. 22."

Handmann, R.

MIKROSKOPISCHER PRAPARATE. Series I–V, 70 numbers. Leipzig (Weigel), 1918–1919.

A

DATES OF PUBLICATION: From Herbarium 50, 1919 and 52, 1920, Hedwigia Beibl. **61:** (113), 1920, and Oesterr. Bot. Zeitschr. **67:** 403, Dec 1918, **69:** 87, Jan-Mar 1920.

Series	Numbers	Date
1, Abt. 1	1–10	1918
Abt. 2	11–20	1919
Abt. 3	21–30	1919
2	1–10	1919
3	1–10	1919
4	1–10	1919
5	1–10	1919

REMARKS: The set includes diatoms. The price was 25 M for 10 slides.

Harvey, William Henry (1811–1866).

(1) AUSTRALIAN ALGAE. Numbers 1–601. 237 *Laurencia regia,* sp nov.
(2) CEYLON ALGAE. Numbers 1–106. 102 *Turbinaria vulgaria* J. Ag.
(3) FRIENDLY ISLAND ALGAE. Numbers 1–124. 13 *Polysiphonia Calodictyon,* sp nov.

A

DATE OF PUBLICATION: Specimens were collected in 1854–1856 and were to be distributed after his return (Bull. Soc. Bot. Fr. **1:** 41. 1854). The numbers given above and the dates of collection are from the indices at L.

INDEX: A series of printed folio sheets, with serial numbers, names and authorities. Apparently specimens could be chosen from the lists.

REFERENCES: Harvey, Phycologia australica, 5 volumes, 1858–1863. Each volume has 60 plates, all but the last "century" lithographed by the author. His earlier Nereis australis, 50 plates, 1847 [reprinted 1964], was on collections made in 1835–1842.

Biographies of Harvey are in Oliver, Makers of British Botany, 1913, p. 204 ff, and Gray, Am. Jour. Sci. Arts II. **32:** 273 ff, 1866.

LABELS: Printed, with number, name and authority only. New taxa not described. There are in herbaria also handwritten labels with more data. FH, L, NY

Hauck, Ferdinand (1845–1889), and Paul Gerhard Richter (1837–1913).

PHYKOTHECA UNIVERSALIS, SAMMLUNG GETROCKNETER ALGEN SAMMTLICHER ORDNUNGEN UND ALLER GEBIETE. Fascicles I–XV, numbers 1–750. Leipzig (Kummer), 1885–1896.

From Fascicle 7 by Richter alone.

A

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	Hedwigia
1	1–50	Dec 1885	**25:** 211–215. Sep/Oct 1886
2	51–100	6 Dec 1886	**25:** 249–255. Nov/Dec 1886; **26:** 171–173. 1887
3	101–150	24 Oct 1887	**27:** 332–333. Nov/Dec 1888
4	151–200	21 Mai 1888	**28:** 221–224. Mai/Jun 1889
5	201–250	18 Jun 1888	
6	251–300	2 Oct 1889	**29:** 356–360. Nov/Dec 1890
7	301–350	26 Dec 1889	
8	351–400	20 Feb 1891	**31:** 137–141. Mai/Jun 1892
9	401–450	25 Mar 1891	
10	451–500	Mai 1892	**32:** 104–108. Mar/Apr 1893
11	501–550	25 Jun 1892	
12	551–600	Jul 1894	Hedwigia Beibl. **34:** (29–35). Jan/Feb 1894
13	601–650	Jul 1894	
14	651–700	29 Feb 1896	
15	701–750	17 Mar 1896	

INDEX: An index, by Richter from Fascicle 6, accompanied the specimens; also listed in the reviews in Hedwigia, mostly by Richter, and in other journals, including Notarisia, Bot. Centralbl., and Allg. Bot. Zeitschr.

REFERENCE: Hauck, Meersalgen, in Rabenhorst's Kryptogamen-Flora von Deutschland, Oesterreich und der Schweiz, ed. 2, volume 2, 1885 [reprinted 1965]. Cited on the labels.

LABELS: Printed, with number, name, authority, reference to Hauck's Meersalgen, date of collection. 41 *Chroococcus obliteratus* Richt., sp nov, described in Latin.

FH, NY, PC, STR, UPS

REMARKS: At PC the first 7 fascicles are tall 4° portfolios, the later fascicles are bound books, except a large portfolio for oversize specimens. At NY all fascicles are bound books.

Hennings, Paulus Christoph (1841–1908).

PHYKOTHECA MARCHICA. Sammlung getrockneter Algen aus der Mark Brandenburg. Fascicles I–II, numbers 1–100. Berlin, 1893–1906.

A

DATES OF PUBLICATION: On title pages.

Fascicle	Numbers	Date
1	1–50	1893
2	51–100	1906; this is inked in over the date on the title page used for Fascicle 1

INDEX: Fascicle 1 listed in Hedwigia **32:** 104–108, Mar/Apr 1893.

REFERENCE: Exsiccata noted in the obituary of Hennings in Bot. Gaz. **47**: 239 ff, 1909.

LABELS: Printed, with title, number, name, authority, references, and collecting data. 1 *Thorea ramosissima* Bory. 51 *Batrachospermum Boryanum* (Ag.) Sirod. FH, L

REMARKS: The first fascicle is a bound book 20×30 cm. The second fascicle, which I have seen only at FH, is unbound.

Sydow lists also Hennings' Nordice Algen, and Cryptogamen-Typen: 120 Arten einheimischen Zell-Cryptogamen in getrockneten Exemplaren, Hamburg, 1881 [Hinrichs **30:** 61. (first quarter) 1881].

Heurck, Henri Ferdinand van (1838–1909), and Albert Grunow (1826–1914).

TYPES DU SYNOPSIS DES DIATOMEES DE BELGIQUE PAR LE DR. HENRI VAN HEURCK. Déterminations, Notes et Diagnoses par M. A. Grunow, Series I–XXII, numbers 1–550. 1882–1885.

A

DATES OF PUBLICATION: From Hist. Coll. BM. There were 25 slides in each series. Series 8 was received by BM on 22 Mai 1884 and Series 22 on 28 Oct 1885.

INDEX: A list and commentary accompanied the slides.

REFERENCES: Heurck, Synopsis des Diatomées de Belgique, 235 p., 1880–1885. Cited on labels. For dates of issue, see Ross, Jour. Soc. Bibl. Nat. Hist. **2:** 378–379, 1952.

Heurck, A Treatise on the Diatomaceae, translated W. E. Baxter, 558 p., 1896 (reprinted 1962).

For biographical and bibliographical references to Heurck see Stafleu, Taxonomic Literature, 1967, p. 201.

LABELS: Labels on the slides have number, title, name, authority or reference, locality. New taxa are described in French on the commentary. 1 *Amphora ovalis* Kütz. BM, FH, G

REMARKS: The specimens are not all from Belgium.

See Delogne, Diatomées de Belgique, above, p. 69.

Hohenhacker, Rudolph Friedrich (1798–1874).

ALGAE MARINAE SICCATAE. Eine Sammlung europäischer und ausländischer Meeralgen, in getrockneten Exemplaren, mit einen kurzen

Texte versehen von Dr. L. Rabenhorst und G. von Martens. Herausgegeben von R. F. Hohenhacker. Fascicles I–XII, numbers 1–600. Esslingen, from Fascicle 7 at Kirchheim, 1852–1862.

Authors of text vary: J. G. Agardh added in Fascicle 5, F. T. Kützing in Fascicle 7; from Fascicle 8, Kützing alone.

A

DATES OF PUBLICATION: From title pages at STR.

Fascicle	Numbers	Date	Reviews in Bot. Zeit.
1	1–50	1852	**11:** 117. 6 Feb 1852
2	51–100	1852	**11:** 269. 9 Apr 1852
3	101–150	1853	**11:** 903. 23 Dec 1853
4	151–200	1854	**13:** 123. 16 Feb 1855
5	201–250	1855	**14:** 271. 11 Apr 1856
6	251–300	1857	**16:** 35. 22 Jan 1858
7	301–350	1859	**18:** 20. 13 Jan 1860
8	351–400	1860	**18:** 339–340, 19 Oct 1860
9	401–450	1860	**19:** 304. 11 Oct 1861
10	451–500	1862	**21:** 39–40. 30 Jan 1863
11	501–550	1862	**21:** 206–207. 26 Jun 1863
12	551–600	1862	**23:** 28. 20 Jan 1865

INDEX: Listed in most of the Bot. Zeit. reviews.

REFERENCES: Rabenhorst, Deutschlands Kryptogamen-Flora, 4 volumes, 1844–1848. Cited on labels as "Rabenh. Handb."
Kützing, Species Algarum, 922 p., 1849. Cited on labels.

LABELS: Printed, with number, name, authority, references, locality. In Fascicles 1–5 there is no title and the number is before the name; from Fascicle 6 on the title "Hohenhack. Meeralgen" and the number are at lower right. There are supplementary numbers (e.g., 244a *Cystoclonium obtusangulum* Kg.) which have the form of labels of issues later than the original numbers. 600 *Stenodesmia binervis* Kg., gen nov and sp nov, described in Latin.
FH, G, L, NY, STR, UPS

REMARKS: Bound books at FH and STR.

Sometimes cited as Algae marinae selectae, Algae selectae siccatae, as well as Meeralgen, and often indexed under Rabenhorst.

Hohenhacker distributed specimens for various collectors; see under Unio itineraria in PART I. GENERAL CRYPTOGAMS

Holmes, Edward Morell (1843–1930).

ALGAE BRITANNICAE RARIORES EXSICCATAE, CURANTE E. M. HOLMES. Fascicles I–XII, numbers 1–312. London, 1883–1910.

A

DATES OF PUBLICATION: From title pages at FH, written on except for those on Fascicles 1, 3, and 10.

Fascicle	Numbers	Date	
1	1–25	1833	Grevillea **11:** 142–143. Jun 1883
2	26–50	1885	Grevillea **13:** 109–110. Jun 1885
3	51–75	1887	Grevillea **15:** 115–116. Jun 1887
4	76–100	1889	
5	101–125	1890	Rev. Gén. Bot. **2:** 141. 1893
6	126–150	1893	Grevillea **21:** 24–25. Sep 1893; received FH Aug 1893
7	151–175	1894	
8	176–200	1896	
9	201–225	1897	Indexed FH 31 Sep 1897
10	226–250	1900	Indexed FH 29 Dec 1900
11	251–275	1904	Indexed FH 2 Nov 1904
12	276–312	1910	Bot. Jahresb. **38**(1)**:** 405. 1910; Indexed FH 23 Mar 1910

INDEX: Inside cover; a corrected index to Fascicle 12 was issued. Species are listed in reviews in Grevillea and in Notarisia **1:** 50–51, 1886 (Fascicles 1–2), and **2:** 320, 1887 (Fascicle 3), Bot. Jahresb. **38:** 405, 1910 (Fascicle 12).

REFERENCE: Holmes and Batters. A revised list of British marine Algae. Ann. Bot. **5:** 63–107, 518–526. 1890–1891.

LABELS: On the specimen folders printed, with number, name, authority, collecting data and, from Fascicle 6, title. With the specimen, a handwritten name without number. 1 *Cladostephus plumosus* Holmes, not described. BM, FH

REMARKS: Portfolios, 8×10 inches, with title page on the front. Often cited as Holmes and Batters, but only Holmes's name is on the title page. Edwin Arthur Lionel Batters (1860–1907) collected many of the specimens.

Hylmö, David Einar (1883–x).

SKANDINAVISCHE MEERSALGEN. Century I, numbers 1–100. Lund, 1916.

A

Cited in Hedwigia Beibl. **58:** (87), 1917 and **63:** (96), 1921; Herbarium, Sonder number, 1919.

Joshua, William (1828–1898), and Edward Morell Holmes (1843–1930).

MICROSCOPICAL SLIDES OF BRITISH FRESH-WATER ALGAE. Numbers 1–48. Cirencester, 1880.

A

DATE OF PUBLICATION: In Grevillea **8:** 91–92, Mar 1880, Bot. Jahresb. **8:** 538, 1880, and Herbarium 22, 1911. Hist. Coll. BM dates the set 1879, though it was acquired in 1880. Herbarium says there are 58 slides, Bot. Jahresb. says 46.

INDEX: Listed in Grevillea.

REFERENCES: Joshua was the author of On the Collemei of the Cirencester or Cotteswold District, Grevillea **4:** 42–43, 1875/1876, and Notes on British Desmideae, Jour. Bot. Lond. **20:** 300–302, 1882, **21:** 290–292, 1883.

LABELS: Non vidi. See 1 *Licmophora splendida* Grev.

Jürgens, Georg Heinrich Bernhard (1771–1846).

ALGAE AQUATICAE, QUAS IN LITTORA MARIS DYNASTIAM JEVERANAM ET FRISIAM ORIENTALEM ALLUENTIS REJECTAS, ET IN HARUM TERRARUM AQUIS HABITANTES COLLEGIT ET EXSICCAVIT GEORG HEINRICH BERNHARD JURGENS. Decades I–XX, 200 numbers. Jever (Mettcker), 1816–1824.

A

DATES OF PUBLICATION: From title pages.

Decade	Numbers	Date	
1	1–10 (1 *Fucus siliquosus* Linn.)	1816	Jour. Gén. Étrang. Aug 1816
2	1–10 (1 *Fucus versiculosus* Linn.)	1816	
3	1–10 (1 *Fucus filum* Linn.)	1817	Allg. Lit. Zeit. Dec 1817
4	1–10 (1 *Fucus lumbricalis* Turn.)	1817	
5	1–10 (1 *Fucus rotundus* Turner)	1817	
6	1–10 (1 *Fucus confervoides* Linn.)	1818	Jour. Gén. Étrang. Dec 1818
7	1–10 (1 *Ulva byssoides Mertensii*)	1818	
8	1–10 (1 *Fucus nodosus* Linn.)	1819	Jour. Gén. Étrang. 20 Aug 1819; 10 Dec, Flora **2:** 692. 28 Nov 1819
9	1–10 (1 *Fucus loreus* Linn.)	1819	
10	1–10 (1 *Fucus purpurascens* Turn.)	1819	
11	1–10 (1 *Fucus versiculosus* var. *acutus* Turn.)	1822	AVB **1822** (I):105
12	1–10 (1 *Gastridium filiforme* Lyngb.)	1822	
13	1–10 (1 *Ulva intestinalis* Linn.)	1822	
14	1–10 (1 *Hydrodictyon utriculatum Rothii*)	1822	
15	1–10 (1 *Fucus articulatus* Turn.)	1822	
16	1–10 (1 *Fucus plicatus* Turn.)	1822	
17	1–10 (1 *Sphaerococcus confervoides* var *procerrimus* Ag.)	1824	AVB **1824** (I):101
18	1–10 (1 *Chara aspera* Wild.)	1824	
19	1–10 (1 *Laminaria Phyllitis* Ag.)	1824	1824 in Flora **18** Intell. 1 (2): 21–24. 1835
20	non vidi		1835 in Linnaea Lit. Ber. **1835/1836:** 65

LABELS: Printed; on the specimens only the number, name, and authority. The accompanying letterpress has also citations, observations, locality. Must be cited by decade and number; L has serially numbered the whole set by hand.

FH, L, PC, STR

REMARKS: Paperbound booklets, 18×30 cm, the title page on the front cover, 2 pages of text.

In Flora **18** Intell. 1: 7, 1835, an issue of Decades 20–22 is announced as to be published in the late summer of that year. Apparently these did not appear.

Kamura, K. O.

ALGAE JAPONICAE EXSICCATAE. Fascicles 1–2, numbers 1–100.

A

Fascicle 2 was accessioned at NY April 1905, but I have not been able to locate it.

Karczmarz, Kazimierz (1933–x).

CHAROPHYCEAE POLONIAE EXSICCATAE, REG. LUBLINENSIS (POLONIA ORIENTALIS). Fascicles I–II, numbers 1–20. Lublini (Instituto Botanicae Systematicae et Geographiae Plantarum Universitatis Mariae Curie-Sklodowska), 1965–1966.

A

DATES OF PUBLICATION: Information from K. Karczmarz.

Fascicle	Numbers	Date
1	1–10	1965
2	11–20	Sep 1966

INDEX: Schedae issued with fascicles.

LABELS: Printed, with title, number, name, authority, synonyms and references, collecting data. No new taxa. 1 *Nitella syncarpa* (Thuill.) Chev. NY

REMARKS: To be continued. There were 30 copies of Fascicle 1, for gift and exchange.

Kitton, Frederic G. (1828–1895).

NORFOLK DIATOMS. Series I–IV, numbers 1–100. 1885.

A

DATES OF PUBLICATION AND INDEX: The date 1885 is on the handwritten index of Series 4 at both FH and BM. At BM, 1886 is written on Series 1 (which was received on 2 Mar 1886), but Hist. Coll. BM gives 1885 and 1893 as the dates of Series 1 and 2.

REFERENCES: Kitton. Fauna and Flora of Norfolk, VII Diatomaceae. Trans. Norfolk and Norwich Nat. Soc. **3:** 754–770. 1884.

A memoir of Kitton with portrait and bibliography appeared in Le Diatomiste, numbers 22 and 23, 1895, and was issued as a separate.

LABELS: Handwritten, with number, name, locality. 1 *Gomphonema geminatum*. BM, FH

REMARKS: Boxes of 25 slides, with an index; most slides have several species. In the FH set there is a note that numbers 78 and 79 are not of the original material.

Herbarium 21, 1911, calls the set very rare.

Kützing, Friedrich Traugott (1807–1893).

ALGARUM AQUAE DULCIS GERMANICARUM, COLLEGIT FRIDERICUS TRAUGOTT KUTZING. Decades I–XVI, numbers 1–160. Halis Saxonum, 1833–1836.

A

DATES OF PUBLICATION: Title pages dated.

Decades	Numbers	Date	
1–2	1–20	1833	Flora **16:** 144. 7 Mar 1833 ("have been published")
3–4	21–40	1833	Flora l.c. ("at Easter")
5–6	41–60	1833	Flora l.c. ("at Michaelmas") Decades 1–6, Flora **16:** 691–701. 28 Nov 1833
7–10	61–100	1834	Flora **17:** 710–719. 7 Dec 1834
11–12	101–120	1834	
13–16	121–160	1836	Feb, in Flora **19** Intell. 1**:** 16. 1836

INDEX: Accompanied the specimens. Most species were listed in reviews in Flora, and Decades 1–8 in Linnaea Lit. Ber. **1833:** 16, 199.

REFERENCES: Kützing. Erklärung, die Decaden meiner Süsswasseralgen betreffend. Flora **17** Intell. 1**:** 10–12. 1834; Phycologia generalis, 458 p., 1843. Cites the exsiccata.

For other publications of Kützing see Stafleu, Taxonomic Literature, 1967, p. 246–247.

Lagerstedt. Diatomaceernia in Kützing's exsikkatverk. Oefv. Sv. Akad. Forh. **1884:** 29–64.

LABELS: Labels on the specimens printed, without title, with number, name and authority only. The accompanying printed matter has references and descriptions. 151 *Gomphosphaeria aponina* K., described in Latin.

BM, FH, NY, PC

REMARKS: Small 8vo paper-bound booklets, with a page of text; the specimens one to a page. The price was 16 Ggr or 20 Sgr per decade.

Le Jolis, Auguste François (1823–1904).

ALGUES MARINES DE CHERBOURG. Fascicles I–XIV, numbers 1–280. Cherbourg, 1863.

A

DATE OF PUBLICATION: From Sydow 121. The fascicles, of 20 numbers each, were received together at BM, "ca 1863."

REFERENCE: The specimens are cited in Le Jolis, Liste des algues marines de Cherbourg, 168 p., dated 1863 but indicated as having been first issued in Mém. Soc. Sci. Nat. Cherbourg 10, 1864, and listed in Bibl. France 20 Jul 1864. The book was reissued in 1880.

LABELS: Printed, with title, number, name, authority, month. New taxa not described. 202 *Chylocladia kaliformis* var *helminthoides* Le Jol. BM, FH

REMARKS: The specimens are on cards; at FH these are on sheets in three volumes.

At NY there are labels in facsimile autograph titled Herb. A. Le Jolis (411 *Ectocarpus fasciculatus* Griff.). This may be the same issue as 300 specimens received by BM in 1880.

Le Lièvre de la Mornière (d. 1845), and F. Prouhet.

HYDROPHYTES MARINES DU MORBIHAN, RECUEILLIES ET PUBLIEES PAR MM. LE LIEVRE DE LA MORNIERE ET F. PROUHET. Fascicles I–IV, numbers 1–100. Vannes, 1841.

A

DATE OF PUBLICATION: On the title page of Fascicle 1; there are 25 numbers in a fascicle.

INDEX: An alphabetical index at the back of the book.

LABELS: Printed, with number, name, authority, citations, habitat, collector. 61 *Halymenia ferrarii* Nobis; with synonyms but no description. NY, PC

REMARKS: A small 4° bound book.

There is also at PC another set of specimens, without numbers and without date but with the same title as this set. It consists of six fascicles of twenty specimens each. The prospectus with the specimens says there were to be ten fascicles, one to be issued each two months. The printed labels have names and synonyms only, but following these on the same line is the letter D, H, or A, which, according to a note, refers to Duby, Hooker, or Agardh.

Lenormand, Sébastien-René (1796–1871).

THALISSOPHYTES DE FRANCE. Series I, numbers 1–100; Series II, numbers 1–100. Vire, 1847.

A

DATE OF PUBLICATION AND INDEX: Buchinger in Flora **30:** 396–398. 28 Jun 1847.

LABELS: Non vidi. See I.1 *Sargassum bacciferum* Ag. and II.1 *Cystoseira ericoides* Ag.

REMARKS: In 1864 (Flora **22:** 112), Hohenhacker offered 33–100 specimens of F. Müller and R. Lenormand, Algae marinae Australiae felicis. I have not identified this set.

Lindauer, Victor W.

ALGAE NOVA ZELANDICAE EXSICCATAE. Fascicles I–XIV, numbers 1–350. 1939–1953.

A

DATES OF PUBLICATION: From indexes.

Fascicle	Numbers	Date
1	1–25	Mai 1939
2	26–50	Jun 1939
3	51–75	Mai 1940
4	76–100	Jun 1940
5	101–125	Dec 1941
6	126–150	Dec 1942
7	151–175	Feb 1946
8	176–200	Apr 1946
9	201–225	Apr 1946
10	226–250	Aug 1946
11	251–275	Apr 1947
12	276–300 (excluding 283)	Jun 1947
13	301–325 (+267A, 283)	Oct 1948 Accessioned NY 6 Dec 1948
14	326–350	Jan 1953 Accessioned NY 2 Mar 1953

INDEX: With the specimens; index to Fascicles 1–3 printed, others mimeographed.

LABELS: Title printed; number, name, authority and collecting data typewritten. For new taxa there is a separate printed label with description in Latin and date of issue. 74 *Lenormandia coronata*, sp nov. BM, FH, L, NY

REMARKS: Issued in packets.

Lloyd, James (1810–1896).

ALGUES DE L'OUEST DE LA FRANCE. Fascicles I–XVIII (XIX?), numbers 1–360 (380?). 1847–1860 (1868?).

A

DATES OF PUBLICATION: Dates of Fascicles 1–18 below are from Dixon, Brit. Phycol. Bull. **3:** 213–214, 1967. They were taken from the set in the Crouan herbarium at Concarneau. It will be seen that 14 fascicles were issued in rather rapid succession during three or four years. I think that Fascicle 15 also belongs to this group, for 15 fascicles were known to Sydow. After some ten years, Fascicles 16–18 appeared. After another eight years, Bull. Soc. Bot. Belg. **7:** 111, 1868, announced a 19th fascicle, all *Chara*, the new species of which had already been published in the second edition of the author's Flore de l'Ouest de la France (644 p., 1868). I have no other evidence that this fascicle exists.

Fascicle	Numbers	Fascicle date	Last collecting date
1	1–20	n.d.	Apr 1847
2	21–40	n.d.	Aug 1847
3	41–60	n.d.	Sep 1847
4	61–80	n.d.	Dec 1847
5	81–100	15 Aug 1848	Aug 1848
6	101–120	1 Jan 1849	Oct 1848
7	121–140	5 Jan 1849	Oct 1848

Fascicles	Numbers	Fascicle date	Last collecting date
8	141–160	10 Jan 1849	Oct 1848
9	161–180	19 Jun 1849	Mai 1849
10	181–200	17 Nov 1849	Oct 1849
11	201–220	4 Jun 1850	Mai 1850
12	221–240	1 Dec 1850	Oct 1850
13	241–260	1 Dec 1850	Aug 1850
14	261–280	1 Dec 1850	Oct 1850
15	281–300	n.d. [1851?]	
16	301–320	16 Dec 1860	
17	321–340	16 Dec 1860	
18	341–360	16 Dec 1860	
19	?361–380	non vidi [1868?]	

LABELS: Non vidi. There are said to be many new taxa, not described. See 191 *Halymenia latifolia*.

REMARKS: Dixon states that the brothers Crouan (see their Algues marines du Finistère, above, p. 68) collaborated with Lloyd on this set.

M'Calla, William (1814–1849).

ALGAE HIBERNICAE. Volume I, numbers 1–50; volume II, numbers 1–50. Dublin (Oldham), 1848.

A

DATE OF PUBLICATION AND INDEX: On title page; at NY on Volume 1, at PC on Volume 2. But Volume 1 reviewed and listed in Ann. Mag. Nat. Hist. I. **15:** 189–190, 1845.

LABELS: Printed, with number, name, authority, locality. Labels of Volume 2 may be identified by a printed line above and below on the text. I.1 *Griffithsia multifida* Ag. II.1 *Halidrys siliquosa* Lyngbe. I.29 *Conferva Kaneana* M'Calla, without description. FH, NY, PC

REMARKS: Two bound 4° volumes; price £1 each.

Mandon, Gilbert (1799–1866).

ALGAE MADERENSES.

A

DATES OF PUBLICATION: BM received 54 specimens with this title on 22 Aug 1883. Mandon collected in Madiera in 1862; it is probable that sets were issued earlier and with more specimens than the one at BM.

Other cryptogams of this collection were issued under the titles Lichens de Madère (in PART III. LICHENES) and Mousses de Madère (in PART IV. BRYOPHYTA). Husnot was still offering Mandon specimens in 1924 (Rev. Bryol. **51:** 16. 1924).

LABELS: Facsimile autograph, with title, number, name and authority, synonyms, locality, day and month of collection. 5 *Laurencia papillosa* Grev. G

REMARKS: BM had received other Madiera plants of Mandon's in 1873.

Algae of Mandon's collections from the Canaries still remained for sale

in 1874, the most complete set being about 60 species (Bull. Soc. Bot. Fr. **21:** 239. 1874).

Mandon's collection from Bolivia, labelled Plantae Andium Boliviensium, included cryptogams, but have only field numbers (1741 *Ramalina calicaris Ecklonii* Spr.).

Migula, Walter (1863–1938), Paul Sydow (1851–1925), and Lars Johan Wahlstedt (1836–1917).

CHARACEAE EXSICCATAE. Fascicles I–VI, numbers 1–150. Berlin, 1892–1901.

DATES OF PUBLICATION: Year dates printed or written on copies at FH; month dates from Hedwigia and Hedwigia Beibl.

Fascicle	Numbers	Date	
1	1–25	1892	Hedwigia **31:** 189–190. Jul/Aug 1892
2	26–50	1894	Hedwigia Beibl. **33:** (111). Jul/Aug 1894
3	51–75	Oct 1896	Hedwigia Beibl. **36:** (31). Jan/Feb 1897
4–5	76–125	Nov 1897	Hedwigia Beibl. **37:** (28). Jan/Feb 1898
6	126–150	Nov 1901	Hedwigia Beibl. **41:** (49). Jan/Feb 1902

INDEX: Most numbers listed in the Hedwigia or Hedwigia Beibl. reviews.

REFERENCE: Many labels cite Migula, Characeen, in Rabenhorst's Kryptogamen-Flora, ed. 2, Band 5, 1897.

LABELS: Printed, with number, name, authority, references, collecting data. 53 *Nitella microcarpa* var *Natalensis* Sydow, var nov, not described.

BM, FH, PC, UPS

REMARKS: Portfolios, 25 × 35 cm.

Mohr, Daniel Matthias Heinrich (1780–1808).

SCHLESWIG-HOLSTEINISCHE ALGAE AQUATICAE. Herausgegeben von Dr. Mohr. Fascicle 1, numbers 1–35. 1805.

Announced and listed in Jour. Bot. Schrader II. **1**(3): 196, Jan 1806. See 1 *Conferva foeniculacea* Huds.

Mougeot, Antoine (1815–1889), Charles Ambroise Manoury, Casimir Roumeguère (1828–1892), and Lucien Dupray (?–1902).

ALGUES DE FRANCE. Centuries I–XIV, numbers 1–1300; 1401–1500. Toulouse. 1883–1893.

Authors: The preface which accompanied the first century is signed by Roumeguère alone. On the title pages Centuries 1–5 are by Mougeot, Manoury and Roumeguère, Century 6 by Dupray, Mougeot and Roumeguère,

Century 7 without authors, Centuries 8–10 by Roumeguère, Centuries 11–14 by Mougeot, Roumeguère and Dupray.

Titles: Titles on the labels of Centuries 1–8, Algues de France, of Centuries 9–13, Algues des Eaux Douces de France (Centuries 11–12, de la France, Century 13, Algues des Eaux Douces), of Century 14, Algues Françaises.

Title on the index of early fascicles is: Algues Terrestres et Fluviales de la France, Reliquiae de A. De Brébisson, de J. Demangeon, de Desmazières et de J. B. Mougeot.

For the continuation of this set see Roumeguère, Algues de France, Series 2 (Reliquiae Brebissonianae), below, p. 98.

A

Dates of Publication:

Century	Numbers	Title page or spine	
1	1–100	1883	Preface 1 Jul 1883
2	101–200	1883	
3	201–300	1883	Grevillea **12:** 40. Sep 1883 and **12:** 88. Mar 1884; Atti Soc. Crittog. Ital. **3:** 256. 1884
4	301–400	1884	
5	401–500	1884	
6	501–600	no date	
7	601–700	no date	Notarisia **1:** 52–54. Jan 1886
8	701–800	no date	Grevillea **15:** 32. Sep 1886; Notarisia **1:** 207–208. Oct 1886
9	801–900	no date	Notarisia **2:** 320–322. Apr 1887
10	901–1000	no date	Grevillea **16:** 23. Sep 1887; Notarisia **2:** 368–370. Oct 1887
11	1001–1100	no date	
12	1101–1200	1889	Received FH Jan 1890
13	1201–1300	1 Dec 1891	Received FH 31 Dec 1891; Hedwigia **31:** 267. Sep/Oct 1892
14	1401–1500 (sic)	1893	Received FH 11 Mai 1893; Hedwigia **32:** 108. Mar/Apr 1893; Bot. Centralbl. **54:** 199 and **55:** 22. 1893; Rev. Mycol. **15:** 81. 1893

Index: There is an index page. Most issues were listed in the reviews.

Labels: Centuries 1–13 have labels in facsimile handwriting with title, number, name, authority, references, locality, collector. Century 14 has printed labels. 1405 *Cylindrocarpus microscopicus* Crouan, sp nov, without description.

BM, FH, G, L

Remarks: Portfolios, 20 × 30 cm, with hand-lettered spine.

Nielsen, Peter (1829–1897).

EXSICCATSAMLING AF CHARACEER NAVNLIG FRA DANMARK UTGIVNE AF P. NIELSEN. Numbers 1–63.

A

DATE OF PUBLICATION: After 1868, which is the latest collection date.

LABELS: Printed, with black border, without title (title, P. Nielsen, Characeae exs., by rubber stamp at FH), with number, name, authority, citations, collecting data, some remarks in Danish. 1 *Nitella syncarpa* Thuill. FH, UPS

REMARKS: At UPS, a portfolio, arranged by species. At FH, on 17 × 20 cm sheets, arranged by number in three covers, 1–20, 21–40, 41–63.

Nordstedt, Carl Fredrik Otto (1838–1924), and Lars Johan Wahlstedt (1836–1917).

CHARACEAE SCANDINAVIAE EXSICCATAE QUAS DISTRIBUERUNT O. NORDSTEDT ET L. J. WAHLSTEDT. Fascicles I–III, numbers 1–120. Lundae (Academiae Typographus), 1871–1874.

A

DATES OF PUBLICATION: From title pages, confirmed in Krok. Several forms of some numbers were issued, making the total specimens over 150.

Fascicle	Numbers	Date	
1	1–40	1871	Hedwigia **10:** 44. Mai/Jun 1871. Received BM 2 Jan 1872
2	41–80	1872	Hedwigia **11:** 41. Mai/Jun 1872; Jour. Bot. Lond. **10:** 158. 1872. Received BM 12 Apr 1872
3	81–120	1874	Hedwigia **13:** 69–70. Sep/Oct 1874. Received BM 23 Mar 1875

INDEX: Accompanied the specimens. Listed in reviews above. Two extra specimens issued with Fascicle 3 are incorrect in the index: 19b *Nitella Normaniana* is 17b in the index; 77b *Chara contraria* is 19b in the index.

REFERENCE: Wahlstedt, Monografi öfver Sveriges och Norges Characeer, 37 p., 1875; cites the specimens.

LABELS: Printed, with title and number on first line; name, authority, citation, synonymy, place and date of collection, some description. 1 *Nitella syncarpa* (Thuill.) A. Br. BM, FH

REMARKS: Issued in 25 × 35 cm portfolios; index on front; specimens on sheets.

Northrop, John Isaiah (1861–1891), and Alice Rich Northrop (1864–1922).

BAHAMA PLANTS, COLLECTED AND DISTRIBUTED BY JOHN I. AND ALICE R. NORTHROP.

A

DATE OF PUBLICATION: The only specimen I have seen was collected in 1890.

LABELS: Printed title, handwritten data; number, name, authority, collecting data. 178 *Jania rubens* Lamour. G

Okada, Yoshikazu (1902–x).

ALGAE AQUAE JAPONICAE, EDIDIT YOSHIKAZU OKADA. Series I–III, 30 numbers. Obi, Kyushu, Japan (Hattori), 1949–1953.

A

DATES OF PUBLICATION: From schedae.

Series	Numbers	Date
1	1–10	Jan 1949
2	1–10	Mai 1950
3	1–10	Aug 1953

INDEX: List of Series 3 in Jour. Hattori Bot. Lab. **10:** cover, Aug 1953.

REFERENCE: Okada, Japanese Freshwater Algae, cited on labels.

LABELS: Printed, with title, series, date, number, name, authority, collecting data. I.1 *Gloeotrichia natans* (Hedw.) Rabenh. FH, L, NY

REMARKS: Specimens on 5 × 8 inch cards. The price was $3 per fascicle.

Okamura, Kintarô (1867–1935).

ALGAE JAPONICAE EXSICCATAE. Fascicles I–II, numbers 1–100. Tokyo, 1899–1903.

A

DATES OF PUBLICATION: From title pages.

Fascicles	Numbers	Date	
1	1–50	1899	Hedwigia Beibl. **40:** (91). 1901
2	51–100	1903	Jul, fide Hedwigia Beibl. **42:** (285). 1903; Allg. Bot. Zeitschr. **9:** 212. 1903

INDEX: Accompanied the specimens.

REFERENCES: Okamura published some of the new taxa in several issues of Bot. Mag. Tokyo from 1892 to 1903.

LABELS: Printed, with title, number, name, authority and citations, Japanese name, collecting data. 88 *Cylindrocarpus rugosa* Okam., sp nov, described in English. FH, PC, UPS

REMARKS: In portfolios with title page on front; specimens in packets on 8 × 10 inch sheets.

Palmer, Edward (1831–1911).

ALGAE FLORIDANAE.
ALGAE BAHAMENSES.

A

DATE OF PUBLICATION: Palmer collected in Florida and the Bahamas in 1874 at the suggestion of Asa Gray; his collections were probably distributed soon after.

INDEX AND REFERENCES: Eaton, A list of the marine algae collected by Dr. Edward Palmer on the coast of Florida and at Nassau, Bahama Islands, Mar-Aug 1874, 6 p., 1875.

There are many references to Palmer in Rodgers, American Botany 1873–1892, 340 p., 1944. For Palmer's collections in Arizona, see McVaugh and Kearney, Amer. Midl. Nat. **29:** 768–778, 1943.

LABELS: Title, locality and collector printed; number, name and authority handwritten. In Algae Floridanae, 5 *Sargassum cymosum* Ag. In Algae Bahamenses, 1 *Turbinaria vulgaris* J. Ag. FH, NY

REMARKS: Palmer was a professional collector of botanical, zoological, and ethnological specimens. He is said to have discovered more than a thousand new species of flowering plants.

Rabenhorst, Ludwig Gottlob (1806–1881).

DIE ALGEN SACHSENS, GESAMMELT UND HERAUSGEGEBEN VON DR. L. RABENHORST. Decades I–C, numbers 1–1000. Dresden; Leipzig (author; Heinrich), 1848–1860.

Continued as: DIE ALGEN EUROPA'S, FORTSETZUNG DER ALGEN SACHSENS, RESP. MITTEL-EUROPA's. Decades I–CIX, numbers 1–1600 (or 1001–2600), Dresden, 1861–1882.

Title changes slightly: Decades 1–8, 15–17, Die Algen Sachsens; Decades 9–14, 18–28, Die Algen Sachsens, respective Mittel-Europa's; Decades 29–46, 49–100, . . Neuen Ausgabe Decades 1–2, etc.; Decade 47, Die Algen Europa's. From Decade 9 various algologists are cited as assisting. Decades 134–135 were prepared by G. Zoller; Decades 146–148 were collected and prepared by A. Braun.

A(+L)

DATES OF PUBLICATION: The title page has the year date. The preface or index page is usually dated to the month and year, and I have used this wherever possible. In some copies, particularly of Decades 1–10, title pages from other decades have been used, some with the new date written over the original.

Decade	Numbers	Date (STR)
1	1–10	Dec 1848
2	11–20	Mar 1849
3	21–30	Aug 1849
4	31–40	Apr 1850
5	41–50	Jun 1850
6–7	51–70	Nov 1850
8	71–80	1851
9–10	81–100	Jul 1851
11–12	101–120	19 Jul 1851
13–14	121–140	Oct 1851

Decade	Numbers	Date (STR)
15	141–150	Jan 1852
16–17	151–170	Mai 1852
18–20	171–200	3 Jul 1852
21–22	201–220	Aug 1852
23–24	221–240	Oct 1852
25–26	241–260	Nov 1852
27–28	261–280	Apr 1853
29–30	281–300	Jul 1853
31–32	301–320	Oct 1853
33–34	321–340	Dec 1853
35–36	341–360	Mai 1854
37–38	361–380	Jul 1854
39–40	381–400	Sep 1854
41–42	401–420	Jan 1855
43–44	421–440	Mai 1855
45–46	441–460	Jul 1855
47–48	461–480	1855 (Sep), FH)
49–50	481–500	Feb 1856
51–52	501–520	Mai 1856
53–54	521–540	Aug 1856
55–56	541–560	Oct 1856
57–58	561–580	Feb 1857
59–60	581–600	Jul 1857
61–62	601–620	Sep 1857
63–64	621–640	Nov 1857
65–66	641–660	Dec 1857
67–68	661–680	Apr 1858
69–70	681–700	Mai 1858
71–72	701–720	Sep 1858
73–74	721–740	Sep 1858
75–76	741–760	Oct 1858
77–78	761–780	Oct 1858
79–80	781–800	Jan 1859
81–82	801–820	Apr 1859
83–84	821–840	Jun 1859
85–86	841–860	Jul 1859
87–88	861–880	Oct 1859
89–90	881–900	Nov 1859
91–92	901–920	Feb 1860
93–94	921–940	Mar 1860
95–96	941–960	Mar 1860
97–98	961–980	Mai 1860
99–100	981–1000	Aug 1860

Decades	Numbers	Date (BM and FH)
1–2	1001–1020	Jan 1861
3–4	1021–1040	Jan 1861
5–6	1041–1060	Feb 1861
7–8	1061–1080	Mai 1861
9–10	1081–1100	Jun 1861

Decade	Numbers	Date (BM and FH)
11–12	1101–1120	Jul 1861
13–14	1121–1140	Jul 1861
15–16	1141–1160	Sep 1861
17–18	1161–1180	Oct 1861
19–20	1181–1200	Nov 1861 (sic)
21–22	1201–1220	Oct 1861 (sic)
23–24	1221–1240	Dec 1861
25–26	1241–1260	Jan 1862
27–28	1261–1280	Apr 1862
29–30	1281–1300	Apr 1862
31–32	1301–1320	Sep 1862 (sic)
33–34	1321–1340	Aug 1862 (sic)
35–36	1341–1360	Sep 1862
37–38	1361–1380	Oct 1862
39–40	1381–1400	Oct 1862
41–42	1401–1420	Dec 1862
43–44	1421–1440	Feb 1863
45–46	1441–1460	Feb 1863
47–48	1461–1480	Mar 1863
49–50	1481–1500	Mai 1863
51–52	1501–1520	Mai 1863
53–54	1521–1540	Jul 1863
55–56	1541–1560	Aug 1863
57–58	1561–1580	Nov 1863
59–60	1581–1600	Dec 1863
61–63	1601–1630	Jan 1864 (Large format)
64–65	1631–1650	Mai 1864
66–67	1651–1670	Jun 1864
68–69	1671–1690	Jul 1864
70–71	1691–1710	Jul 1864
72–73	1711–1730	Oct 1864
74–76	1731–1760	Jan 1865 (Large format)
77–78	1761–1780	Jan 1865
79–80	1781–1800	Jul 1865
81–82	1801–1820	Sep 1865
83–84	1821–1840	Jan 1866
85–86	1841–1860	Feb 1866
87–89	1861–1890	Mar 1866 (Large format)
90–91	1891–1910	Jun 1866
92–93	1911–1930	Apr 1867 (sic)
94–95	1931–1950	Oct 1866 (sic)
96–97	1951–1970	Jan 1867
98–100	1971–2000	Mar 1867 (Large format)
101–104	2001–2040	Jul 1867 (Includes slides)
105–106	2041–2060	Mar 1868
107–108	2061–2080	Oct 1868
109–110	2081–2100	Nov 1868
111–112	2101–2120	Feb 1869
113–114	2121–2140	Aug 1869
115–117	2141–2170	Mar 1870

Decade	Numbers	Date (BM and FH)
118–120	2171–2200	Mai 1870
121–122	2201–2220	Aug 1870
123–124	2221–2240	Sep 1870
125–126	2241–2260	Mai 1871
127–128	2261–2280	Feb 1872
129–131	2281–2310	Sep 1872 (Large format)
132–133	2311–2330	Feb 1873
134–135	2331–2350	1873
136–137	2351–2370	Nov 1873
138–139	2371–2390	Jun 1874
140–141	2391–2410	Nov 1874
142–143	2411–2430	Jul 1875
144–145	2431–2450	Jul 1876
146–148	2451–2480	Oct 1876
149–150	2481–2500	Jan 1877
151–152	2501–2520	Jul 1877
153–155	2521–2550	Mar 1878
156–157	2551–2570	Aug 1878
158–159	2571–2590	Mar 1879 (STR) Hedwigia **18:** 80. 1879
160	2591–2600	non vidi Hedwigia **21:** 194. Dec 1882

INDEX: With the fascicles. Indices bound together at NY.

Stitzenberger, Dr. Ludwig Rabenhorst's Algen Sachsens Decades I–C, systematische geordnet, 41 p., 1860. Another index was published in 1873.

Many issues were listed and reviewed in Hedwigia.

REFERENCES: Rabenhorst, Deutschlands Kryptogamen-Flora, 2 volumes, 1844–1848. Referred to on the labels of the exsiccata as Rab. Handb. For dates of publication of the parts, see Stafleu, Taxonomic Literature, 1967, p. 370–371.

Thuret and Bornet, Notes algologique, 198 p., 1876–1880. Revises names used in the exsiccata.

Bornet and Flahault, Concordance des Algen Sachsens et Europa's . avec la révision de Nostocacées de Bornet et Flahault. Nuovo Notarisia **3:** 378–397. 1888.

LABELS: Printed, with number, name, authority, reference to "Rab. Handb." (see above). There are also remarks and descriptions. 468 *Diplocolon Heppii* Naeg. mspt., described in German. BM, FH, PC, NY, STR

REMARKS: Small booklets with board covers, except for those noted as in large format. Slides are enclosed in envelopes. Groups of issues are in portfolios with printed titles. Several issues had supplementary specimens.

The last two issues seem to be rare; the final one, which I have not seen, must have been issued after Rabenhorst's death.

Rabenhorst, Ludwig Gottlob (1806–1881).

DIE BACILLARIEN SACHSENS. Ein Beitrag zur Fauna von Sachsen. Gesammelt und herausgegeben von Dr. L. Rabenhorst. Fascicles I–VII, numbers 1–70, tabulae 1–5. Dresden and Leipzig (Arnold), 1849–1852.

DATES OF PUBLICATION: From prefaces. One "tabula" was issued with each of Fascicles 3–7. There were extra specimens with some fascicles, designated as "appendix."

Fascicle	Numbers	Date
1	1–10	Dec 1848 (Title page, 1849)
2	11–20	non vidi
3	21–30	Jun 1850
4	31–40	Mai 1851
5	41–50	Jul 1851
6	51–60	Mar 1852
7	61–70	Aug 1852

INDEX: Alphabetisches Verzeichniss der Gattungen und Arten in Rabenhorst's Algen und Bacillarien Sachsens, 1860.

REFERENCE: Rabenhorst, Die Süsswasser-Diatomaceen (Bacillarien), 72 p., 1853.

LABELS: Printed, with name, number, authority, remarks. 1 *Fragilaria virescens* Ralfs. FH

REMARKS: Issued in booklets, with slides enclosed in envelopes. Format as in Rabenhorst's Algen Sachsens, q.v.

Rabenhorst, Ludwig Gottlob (1806–1881).

DIATOMACEAE EXSICCATAE TOTIUS TERRARUM ORBIS, QUAS DISTRIBUIT DR. L. RABENHORST. Semi-Centuries I–II, numbers 1–100. Dresdae (Heinrich), 1871.

A

DATE OF PUBLICATION: From title page. Announced in Hedwigia **10:** 114. Sep 1871.

LABELS: Printed on the packets, with number, name, some references and synonymy, habitat, locality. On the slides, the labels are hand-lettered, with title and number to the left, name, habitat and locality to the right. 62 *Odontidium mesodon* K. BM, FH, L, NY

REMARKS: Uniform format with Rabenhorst's Algen Sachsens, q.v.

Rabenhorst L. G., and G. van Martens, Algae Marinae Siccatae. See under Hohenhacker, above, p. 79.

Raciborski, Maryan (1863–1917).

PHYCOTHECA POLONICA. Fascicles I–III, numbers 1–150. Lwów, 1910–1911.

A

DATES OF PUBLICATION: From schedae.

Fascicles	Numbers	Date	
1	1–50	1910	Preface 21 Dec 1909. Hedwigia Beibl. **5:** (140). Sep 1910; Herbarium 15, 1910. Received FH 1910
2	51–100	1911	Hedwigia Beibl. **51:** (84). Jun 1911; Oesterr. Bot. Zeitschr. **61:** 311. 1911; Herbarium 21, 1911. Received FH 1911
3	101–150	1911	Hedwigia Beibl. **51:** (108). Aug 1911; Herbarium 71, 1925. Received FH 1925

INDEX: Schedae are offprints from Kosmos. Fascicle 1 listed in Bot. Jahresb. **38:** 406, 1910.

REFERENCES: This set, with Raciborski's Mycotheca polonica and Žmuda's Bryotheca polonica in PART IV. BRYOPHYTA are cited as Flora polonica exsiccata in Magyar Bot. Lapok **12:** 149, 1913.

LABELS: Printed, with number, name, authority, collecting data in Polish. 35 *Ulothrix subatrana* Rac., sp nov, described in Polish. FH, PC, UPS

REMARKS: Issued in portfolios, the specimens on plastic slips or on cards.

Ralfs, John (1807–1890).

BRITISH ALGAE. DRIED SPECIMENS OF MARINE AND FRESH-WATER ALGAE, INCLUDING THE DESMIDIEAE AND DIATOMACEAE. Arranged by John Ralfs, author of British Desmidieae. Volume I, numbers 1–40. Penzance (Paddy).

A

DATE OF PUBLICATION: About 1850 in Hist. Coll. BM.

INDEX: There is a handwritten list at BM.

REFERENCES: Ralfs, British Desmidieae, 226 p., 1848 (reprinted 1962). Ralfs published papers on diatoms in Ann. Mag. Nat. Hist. 1843–1845.

There are obituary notices of Ralfs in Nuovo Notarisia **5:** 241–242, 1103–1106, 1890.

LABELS: Printed, with number, name, references, locality. 1 *Myrionema Leclancherii.* BM, FH

REMARKS: A bound book, 22 × 30 cm.

RELIQUIAE SIRODOTIANAE. Publié par le Laboratoire de Cryptogamie du Muséum National d'Histoire Naturelle. Numbers 1–31. Paris, 1938.

[Sirodot, Simon (1825–1903)]

A

DATE OF PUBLICATION: On the title page. Accessioned at FH 19 Dec 1938.

INDEX: Accompanied the specimens.

REFERENCE: Sirodot, Les Batrachospermes, 299 p., 1884.

LABELS: Title printed; number, name, authority, locality, date of collection typewritten. 9 *Batrachospermum corbula* Sir., without description. FH, PC

REMARKS: A sumptuous 4° book. According to the title page, only 20 copies were issued; FH has set 2.

Roumeguère, Casimir (1828–1892).

ALGUES DE FRANCE. 2e Série. (Reliquiae Brebissonianae). Numbers 1–100. Toulouse, 1885.

(This is the title as it appears on labels. On the spine and in citations it is usually Reliquiae Brebissonianae, with a subtitle, which may be Floridées de l'Océan Atlantique, Les Floridées ornamentales de l'Océan, or Algues ornamentales dell' Océan.)

A (+L)

DATE OF PUBLICATION: On the spine at FH.

INDEX: Listed in Notarisia **1:** 54–57, Jan 1886.

LABELS: Facsimile handwriting, with title, number, name, authority, references, locality, collector. 1 *Lichina pygmaea* Agdh. FH, L

REMARKS: Portfolio, 20×30 cm. Not all the specimens are from Brébisson, among other collectors are Pelvet, Lenormand and Solier.

Another set at FH in an identical portfolio has locally numbered specimens of which the first is *Cladophora divaricata* Kütz. The labels have the title Reliquiae Brebissoniae, Series 2. The data are handwritten.

Scagel, Robert F.

PLANTAE EXSICCATAE AB UNIVERSITATE BRITANNICO-COLUMBIANA EDITAE. Series Algae. Fascicles I–II, numbers 1–50. Vancouver, 1960–1961.

A

DATES OF PUBLICATION AND INDEX: From the letter accompanying the fascicles.

Fascicle	Numbers	Date
1	1–25	1 Feb 1960
2	26–50	1 Feb 1961

INDEX: Mimeographed annotated schedae were issued with the specimens.

LABELS: Printed, with title, number, name, authority, references, habitat, description. 1 *Laethesia difformis* (Linnaeus) Areschoug. FH, L, NY

REMARKS: Issued in packets for gift or exchange.

Schiffner, Victor Felix (1862–1944).

ALGAE MARINAE EXSICCATAE. Series I–VI, numbers 1–1500. 1926–1931.

A

DATES OF PUBLICATION AND INDEX: Date on the letter which accompanied the fascicles, the series, and in announcements in Herbarium and Hedwigia.

Series	Numbers	Date	Received BM
1	1–244	1926	25 Apr 1927
2	245–500	1929	4 Feb 1929 (FH Jan 1929)
3	501–750	1930	17 Jul 1930 (FH Oct 1930)
4	751–1000	1930	7 Jul 1933 (NY Jun 1932; FH Jan 1933)
5	1001–1250	1931	25 Mai 1937
6	1251–1500	1931	30 Mai 1938

REFERENCE: Schiffner. Beiträge zur Kenntnis der Meeresalgen. Hedwigia **66:** 293–320. 1926.

LABELS: Title and collecting data in rubber stamp; number, name, authority handwritten. Later issues have all data in rubber stamp. 1 *Bangia fusco-purpurea* (Dillw.) Lyngb. BM, FH, NY

REMARKS: Issued on 11×17 cm cards. See other sets by Schiffner in PART IV. BRYOPHYTA.

Schiller, J. See Algae Adriaticae, above, p. 57.

Schmidt, Waldo.

ALGAE OF SOUTH AMERICA, WALTER RATHBONE BACON SCHOLARSHIP, 1925–1927.

Known to me only from a label at FH. Title and collector printed, other data written. 4 *Sargassum cymosum* C. Ag.

Schousboe, P. K. A. See Algae Schousboeanae, above, p. 58.

Sirodot, S. See Reliquiae Sirodotianae, above, p. 97.

Smith, Hamilton Lanphere (1819–1903).

DIATOMACEARUM SPECIES TYPICAE. Centuries I–VI, numbers 1–600. Supplement numbers 601–650 (700?). Boston (Stodder), 1876–1888.

A

DATES OF PUBLICATION: Hist. Coll. BM under the year 1888 states that 650 slides were purchased in that year, but under Smith's name the number is 750. Deby, in DeToni Sylloge Algarum, p. cxxvi, gives the total number as 700.

Century	Numbers	Announced
1–2	1–200	Am. Jour. Microsc. **1:** 31. Feb 1876; Jour. Bot. Lond. **5:** 128. 1876
3	201–300	Jour. Royal Microsc. Soc. **2:** 196. Apr 1878; Brébissonia **1:** 58. Oct 1878
4	301–400	Brébissonia **1:** 159. 30 Apr 1879
5	401–500	
6	501–600	Am. Jour. Microsc. **5:** 159. 1880
Supplement	601–650(700?)	

REFERENCES: Smith. Notes on Centuries 1–3 of the Species Typicae Diatomaceearum. Am. Jour. Microsc. **2:** 99–102. 1877, **3:** 183–186. 1878. The author corrects or justifies some identifications and describes new taxa.

LABELS: On the slides, printed labels with title ("Diat. spec. typ." or "Spec. typ. sup."), number, name, authority, habitat. On the accompanying slips the above, with locality and some references. 1 *Achnanthes brevipes* Ag. BM, FH, NY

REMARKS: Issued on slides in boxes of 25. Smith purchased the whole of the diatom collections of Brébisson, and this set was made up largely of specimens from this, with some of Smith's own.

Sprenger, Emil (1892–x).

DIATOMACEAE BOHEMIAE. Diatomeen-Streupräparate von der verschiedensten Fundorten Böhmens aus dem Laboratorium der biologischen Station zu Hirschberg in Böhmen. Decades I–III, numbers 1–30. Grossteich bei Hirschberg, 1920.

These 3 decades were offered for sale in Herbarium 51, 1920, where it is stated that about 10 decades would be issued. Announced in Oesterr. Bot. Zeitschr. **69:** 88, Jan-Mar 1920.

Steicher, W.

ALGUES DES SEYCHELLES (OCEAN INDIEN) DETERMINEES PAR DR. ED. BORNET. Numbers 1–85. Paris, 1889.

A

DATE OF PUBLICATION: Collection date of 1889; set received FH 22 Jan 1890.

LABELS: Facsimile handwriting, with title, number, name, authority, reference, locality, year. 67 *Laurencia papillosa* (Forsk.) Grev. FH, G

REMARKS: In a portfolio uniform with Roumeguère's Algues de France Series 2. The following note in Farlow's handwriting is in the copy at FH:

"This collection bought of C. Roumeguère is fraudulent. Bornet informed me that he absolutely declined to name the specimens although they are here said to have been named by him. Bornet also informed Roumeguère that he did not believe that the specimens were collected at the Seychelles but probably came from Réunion or that region. Roumeguère did not deny Bornet's assertion."

Stenfort, F.

LES PLANTES DE LA MER. 23 p., 49 specimens. Brest (Lefournier Aîné), 1866.

LES PLUS BELLES PLANTES DE LA MER. 163 p., 48 specimens. Paris (author), 1874.

LES PLUS BELLES PLANTES DE LA MER. Méthode à suivre dans la recherche et la récolte des Algues. Avec 50 espèces des Algues desséchées. Ed. 2. 163 p. Paris, 1877.

A

DATES OF PUBLICATION: From title pages. The 1874 edition is cited in Hist. Coll. BM, and the 1877 edition is in Herbarium 21, 1911.

LABELS: In the 1866 edition, the specimens have only handwritten numbers; in the later volumes they have printed numbers, names, and letters indicative of habitat, season, and rarity. 6 *Ectocarpus longifructus,* 1866 edition. FH, L

REMARKS: Bound books, 15×22 cm, with numbered lists of species. In the 1866 edition, 110 species are listed; in the 1874 edition, there are 126 numbers. The specimens are numbered to correspond with the texts, but not all taxa in the text are represented by specimens.

Tempère, Johannes Albert (1847–1926), and Hippolyte Peragallo (1851–?).

(1) COLLECTION DES DIATOMEES DU MONDE ENTIER. Séries I–XXV, numbers 1–625. Text p. 1–304, 1–62. Paris, 1889–1893.

(2) LES DIATOMEES DU MONDE ENTIER. 2e ed. Séries I–XL, numbers 1–1000. Text p. 1–480, 1–68. Paris, 1907–1914.

A

"Edition 1"

According to Le Diatomiste, a series of 25 specimens was published every two months, from (Jun) 1889 to Jun 1893. The text, which is in the form of schedae, is called Texte et tables de la collection des Diatomées du monde entier, and has a preface by Peragallo. Peragallo's books on diatoms are cited.

The label to the left on the slide has the word "Diatomées," the locality and the number; to the right "Collection J. Tempère & H. Peragallo, Paris." 1 *Actinocyclus Ehrenbergii* var *subtilis* (Greg) Ralfs. FH

"Edition 2"

The slides were issued in 40 series of 25 numbers each (Herbarium 34, 1913). The text appeared in 30 fascicles of 16 pages each. The dates of publication of each of the parts of the text, which has the same title as the slides, was published by Ross in Jour. Soc. Bibl. Nat. Hist. **2:** 379–380, 1952. The fascicles, being limited to the 16-page format, included more or less than 25 slides, according to how many species had to be listed. The dates of issue of the fascicles, therefore, only approximate the dates of issue of the slides. However, I give below Ross's dates for the fascicles, with the numbers of the slides to which they refer.

Fascicle	Pages	Date	Slide numbers
1	1–16	1907	1–29
2–7	17–112	1908	30–208
8–12	113–192	1909	209–362
13–16	193–256	1910	363–494
17–19	257–304	1911	495–616
20–23	305–368	1912	617–761
24–28	369–448	1913	762–921
29–30	449–480	1914	922–1000

LABELS: Label on the left has printed title, handwritten locality and number. Label on the right has title only. There are 25–50 species on each slide. BM

REMARKS: Tempère distributed many slides of diatoms without serial numbers. The following, at least, constitute sets, though not exsiccatae:

Tempère and Paul Petit. Les Diatomées de France en préparations microscopiques. 400 slides, 1887–1900. PC. References: Jour. de Microg. **13:** 357. 1889/1890; Hist. Coll. BM.

Tempère and Peragallo. Diatomées de France. Séries I–XXX, 396 slides, 1889–1892. BM. References: Diatomiste 1890–1893; Bot. Centralbl. **47:** 12–15. 1891. (Robert Ross tells me that the number on the label refers to the figure in Peragallo's Diatomées du Midi de la France, 1888.)

Tempère and Lucien Dupray. Algues de France. Séries I–XXII, 264 slides, ?–1892. BM, PC. Reference: Diatomiste 1890–1892.

Tempère, Genera des Diatomées. 150 slides, 1888–1890. BM. References: Diatomiste 1, 1890; Hist. Coll. BM.

Threde, H. C.

DIE ALGEN DER NORDSEE UND DIE MIT DENSELBEN VORKOMMENDEN ZOOPHYTEN, GESAMMELT UND HERAUSGEGEBEN VON H. C. THREDE. Century I, Decades I–X, numbers 1–100. Hamburg (Hoffman and Campe), 1832–1834.

A

DATES OF PUBLICATION: Issued in 5 parts of 2 decades each, all dated 1832 (the preface to Decades 1 and 2 is dated Jul 1832). However, Hist. Coll. BM dates the whole set as 1832–1834, and Flora **15:** 64, 28 Jan 1832, implies that the parts were not issued simultaneously.

INDEX: On the back cover of each part.

LABELS: Printed, with number, name, authority only. 81 *Sporochn. aculeatus* var *penicillifer* Mihi, not described. FH, PC

REMARKS: Paperbound booklets, 20 × 25 cm.

Pritzel lists an appendix which I have not seen.

Tilden, Josephine Elizabeth (?1869–1957).

AMERICAN ALGAE. Centuries I–VII, numbers 1–650. Minneapolis, Minnesota, 1894–1909.

A

DATES OF PUBLICATION: Dated on the accompanying index.

Century	Numbers	Date	Tilden, Bibliog.
1	1–100	1894	Dec 1894
2	101–200	1896	Dec 1896
3	201–300	1898	Dec 1898
4	301–400	20 Feb 1900	Feb 1900
5	401–500	20 Mar 1901	Nov 1901
6	501–600	28 Apr 1902	Feb 1902
7 (Fascicle 1)	601–650	1909	Mar 1909

INDEX: Century 1 was listed in Bot. Centralbl. **66:** 115–182, 1896; Century 3 was reviewed in Erythea **7:** 9–10, 1899.

REFERENCES: Tilden, Bibliography of the literature relating to the Pacific Ocean Algae . . 58 p., Aug 1920; reprinted from Tilden, Index Algarum Universalis (a card index at NY); Contribution to the bibliography of American Algae. Bull. Minnesota Bot. Studies **5:** 295–421. 1895.

LABELS: Printed, with title, number, name, authority, citations and synonymy, collecting data. 3 *Oedogonium obtruncatum* var *oblatum*, var nov; described in English. BM, FH, L, NY, UPS

REMARKS: In a letter dated 4 Feb 1897, Tilden stated that only 50 sets were prepared, to be sold at $10 a century. The sets I have seen are bound volumes, 20×24 cm, though the author stated that specimens could be supplied either loose or bound.

The localities of the specimens were: Century I, Minnesota; Century 2, Yellowstone National Park; Centuries 3 and 4, U.S.A. and Canada; Century 5, Hawaii; Century 6, Hawaii, Wyoming, Montana, Nevada; Century 7, Guatemala, Texas, Minnesota.

Tilden, Josephine Elizabeth (?1869–1957).

SOUTH PACIFIC ALGAE. Numbers 1–48, A, A, C. 1911.

A

DATE OF PUBLICATION: Fifty specimens received NY in Apr 1911; indexed at FH on 15 Apr 1911. The specimens were collected in 1909 and 1910 in New Zealand and Tahiti.

LABELS: Printed, with title, number (or letter), name, authority, place and date of collection, collector (Tilden). 1 *Chroococcus varians* A. Braun. There are three lettered specimens: A *Microcystis pirifera* (Turner) Agardh; another A which is a form of the same; C *Cystophora dumosa* (Greville) J. Agardh. FH, L, NY

REMARKS: Issued, mostly in packets, on herbarium sheets.

Tseng, C. K.

CHINESE MARINE ALGAE, EX HERB. C. K. TSENG. Leipzig (Weigel), 1936–1937.

A

DATES OF PUBLICATION:

Fascicle	Numbers	Accessioned FH	
1–2	1–50	14 Oct 1936	
3	51–75	22 Nov 1936	Numbers 1–75, Hedwigia Beibl. **76:** (140). 15 Dec 1936
4	76–100	6 Mai 1937	Hedwigia Beibl. **77:** (108). 15 Oct 1937

INDEX: A typed list accompanied each fascicle.

LABELS: Printed, with title, name, authority, collecting data. Number in rubber stamp, or, in later fascicles, printed. 1 *Amphiroa rigida* Lmx. FH, UPS

Tyson, William (1851–1920).

SOUTH AFRICAN MARINE ALGAE. Fascicles I–II, numbers 1–100. Capetown, 1910.

A

DATE OF PUBLICATION: At FH and PC both fascicles are dated in handwriting 28 Sep 1910, and this year is confirmed in Bot. Jahresb. **38:** 406, 1910. Both indexes have the printed date 1909. The dedication to Fascicle 1 is dated Jul 1909, and to Fascicle 2, Oct 1909.

INDEX: Besides the accompanying indexes, species are listed in Hedwigia Beibl. **50:** (189–190). Nov 1910.

LABELS: Printed with number, name, authority and references. The habitat and locality are handwritten; I have not checked whether these are the same in different sets. 1 *Anisocladus congestus* Reinke. FH, PC

REMARKS: Issued in portfolios, 28 × 38 cm. The cost was £3 each fascicle.

Vatova, A. See Algae Adriaticae, above, p. 57.

Vickers, Anna (1852–1906).

ALGUES DE BARBADE.

A

DATES OF PUBLICATION: Vickers collected in the Antilles in the winters of 1898–1899 and 1902–1903.

REFERENCES: Vickers. Liste des algues marines de la Barbade. Ann. Sci. Nat. IX. **1:** 45–66. 1905. Numbers 1–215 arranged systematically.

Vickers and Shaw, Phycologia barbadensis. Iconographie des algues marines récoltées à l'île barbade (Antilles), (Chlorophycées et Phéophycées) par A. Vickers, avec texte explicatif par M. H. Shaw, 44 p., 93 pls., 1908. This is a folio volume with an explanatory preface and remarkably life-like lithographs, the latter prepared by Mlles Trottet. New taxa described by Shaw, e.g., 24 *Cladophora crispula* Vickers in herb.

LABELS: Printed, with title, number, name and authority only. 147 *Lawrencia scoparia* J. Ag. NY

REMARKS: Anna Vickers was an Englishwoman, born and died in France. In Phycol. Barbad. it is stated that her specimens were sent to BM, FH, NY, PC, UPS, Bordeaux, Lund, Berlin, and Vienna, and to Mme Weber von Bosse and Frank Collins.

Wittrock, Veit Brecher (1839–1914), Carl Fredrik Otto Nordstedt (1838–1924), and Nils Gustaf von Lagerheim (1860–1926).

ALGAE AQUAE DULCIS EXSICCATAE PRAECIPUE SCANDINAVICAE QUAS ADJECTIS ALGIS MARINIS CHLOROPHYLLACEIS

ET PHYCOCHROMACEIS, DISTRIBUERUNT VEIT WITTROCK ET OTTO NORSTEDT, ADJUVATIBUS P. T. CLEVE ET F. R. KJELLMAN. Fascicles I–XXXV, numbers 1–1612. Upsaliae (I–VI), Lundae (VII, VIII, XXX), Holmiae, 1877–1903.

Lagerheim is added as author from Fascicle 26. Other algologists are cited as associated with the later fascicles.

A

DATES OF PUBLICATION:

Fascicles	Numbers	Title page date	Reviews
1–2	1–100	20 Jan 1877	Hedwigia **16:** 108–111. 1877; Oesterr. Bot. Zeitschr. **27:** 147. 1877.
3–4	101–200	28 Feb 1878	Hedwigia **17:** 1–2, 106. 1878; Brébissonia **1:** 58. 1878; Oesterr. Bot. Zeitschr. **28:** 347. 1878
5–6	201–300	11 Jan 1879	Hedwigia **18:** 73–76. 1879
7–8	301–400	10 Jul 1880	Hedwigia **20:** 9–16. 1881; Grevillea **9:** 101–103. 1881
9–10	401–500	10 Feb 1882	Hedwigia **21:** 103–110. 1882; Grevillea **10:** 56. 1882; Bot. Centralbl. **10:** 299–230. 1882
11–12	501–600	25 Mai 1883	Hedwigia **22:** 156–160, 170–173. 1883
13–14	601–700	7 Jul 1884	Hedwigia **23:** 180–187. 1884; Bot. Centralbl. **20:** 92–93. 1884
15	701–750	10 Jul 1886	Hedwigia **26:** 35–38, 65–70. 1887; Bot. Centralbl. **28:** 86–89. 1886
16	751–800	8 Jun 1886	
17	801–850	30 Jun 1886	
18	851–900	19 Aug 1889	Hedwigia **29:** 131. 1890;
19	901–950	30 Aug 1889	Bot. Centralbl. **41:** 137–139. 1890
20	951–1000	13 Sep 1889	
21	Index	30 Nov 1889	Grevillea **20:** 63. 1891–92; Rev. Gén. Bot. Fr. **5:** 141. 1893
22–23	1001–1100	5 Sep 1893	Hedwigia Beibl. **33:** (30).
24–25	1101–1200	12 Sep 1893	1894; Bot. Centralbl. **56:** 359–361. 1893
26–29	1201–1400	30 Dec 1896	Hedwigia Beibl. **36:** (75). 1897
30–33	1401–1600	10 May 1903	Hedwigia **42:** 286–288. 1903
34	1601–1612		
35	Index		

INDEX: There were separate indexes to the fascicles, and cumulative indexes, with descriptions, of Fascicles 1–10, Fascicles 11–20, Fascicles 21–34. Schedae and new taxa were published in Bot. Notiser. Most of the reviews listed the contents of fascicles.

LABELS: Printed, with title (except for Fascicles 1–2), number, name, authority, distribution, collector. 451 *Staurogenia heterocantha* Nordst., sp nov, described in Latin. BM, FH, NY, PC, UPS

REMARKS: Bound books, 15×20 cm; Fascicle 34 is actually a box with the specimens in packets. Received at least at PC with the final fascicle was a set of specimens with printed labels and handwritten (field?) numbers titled Algae in civitate Brasiliae S. Paulo ab. Alberto Lofgren collectae et a cl. O. Borge . . enumeratae. Communic. O. Nordstedt. A note accompanied the specimens as follows: "Algis exsiccatis non apta considerabantur."

Wyatt, Mary

ALGAE DANMONIENSES OR DRIED SPECIMENS OF MARINE PLANTS, PRINCIPALLY COLLECTED IN DEVONSHIRE; CAREFULLY NAMED ACCORDING TO DR. HOOKER'S BRITISH FLORA. Volumes 1 and 2, containing 50 species, prepared and sold by Mary Wyatt, dealer in shells, Torquay; by whom only, orders are received, post paid. Volume I, numbers 1–50; Volume II, numbers 1–50; Volumes 3 and 4, numbers 101–200; Supplement, numbers 201–237. Torquay (Cockrem), ca 1833–1840.

A

DATES OF PUBLICATION: The tentative dates above are from Hist. Coll. BM. Jour. Bot. Hook. **1:** 157–159, 1834 states that two volumes had then appeared. The Supplement of the PC copy includes numbers 202–236.

INDEX: Some species listed in Jour. Bot. Hooker **1:** 157–159, 1834.

LABELS: Printed, with number, name, references, place of collection. I.1 *Cystoseira ericoides;* II.1 *Cystoseira faeniculacea.* BM, FH, NY, PC

REMARKS: Bound books, at PC in boards, at FH in paper. The price was £1 per volume.

III. LICHENES

Abbayes, Henri des (1898–x).

LICHENES ARMORICANI SPECTABILES EXSICCATI. Fascicles I–VI, numbers 1–120. Fascicles 1–4, Briocensi [St Bricuc], Fascicles 5–6, Rhedonis [Rennes], 1929–1936.

L

DATES OF PUBLICATION: From title pages of schedae.

Fascicle	Numbers	Date
1	1–20	1929
2	21–40	1929
3	41–60	1929
4	61–80	1929/30
5	81–100	1932
6	101–120	1936

INDEX: Accompanied the fascicles. Lynge Suppl. 233. Listed in Rev. Bryol. Lichénol. **5:** 162–163, 1932, and **10:** 116, 1937.

REFERENCES: Abbayes. Notes critiques sur quelques Lichens armoricains. Rev. Bryol. Lichénol. **6:** 68–77. 1933; Contributions nouvelles à la connaissance des Lichens armoricains. Rev. Bryol. Lichénol. **8:** 180–187. 1935.

LABELS: Printed, with number, name, authority, habitat and locality. 17 *Bilimbia abietina.* PC

REMARKS: In 11 × 19 cm portfolios. The author tells me that 25 copies were sent out as exchanges.

Abbayes, Henri des (1898–x).

LICHENES GALLICI ET NONNULLI ALII EXSICCATI. Fascicles I–III, numbers 1–60. Rennes, 1936–1937.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date
1	1–20	Aug 1936
2	21–40	Dec 1936
3	41–60	Dec 1937

INDEX: Schedae issued with the fascicles. Lynge Suppl. 233. Fascicles 1 and 2 are listed in Rev. Bryol. Lichénol. **10:** 117, 1937.

LABELS: Printed, with title, number, name, authority, reference to Zahlbruckner's Catalogue, collecting data in French. New taxa described in Latin. 13 *Cladonia subcervicornis* f *climatodes* des Abb. BM, L, PC

REMARKS: Issued in packets. There were 30 sets issued, according to des Abbayes in litt.

Abbayes, Henri des (1898–x).

LICHENES MADAGASCARIENSES ET BORBONICI EXSICCATI. Fascicles I–II, numbers 1–40. Rennes, 1961–1966.

L

DATES OF PUBLICATION: From Index.

Fascicle	Numbers	Date	
1	1–20	Dec 1961	Accessioned FH Mar 1962
2	21–40	Dec 1966	

INDEX: Accompanied the fascicles. The species of Fascicle 1 are all *Parmelia*.

REFERENCE: Cited in Abbayes, Lichens récoltés à Madagascar et à La Réunion, Mém. Instit. Sci. Madag. ser. B, **10:** 81–121. 1961.

LABELS: Printed, with title, name, number, authority, references, collecting data. 4 *Parmelia ambositrana* des Abb. FH, L

REMARKS: Published in 15 copies in portfolios. To be continued.

Almborn, Ove (1914–x).

LICHENES AFRICANI, PUBLISHED BY DR. O. ALMBORN. Fascicles I–III, numbers 1–75. Lund (Botanical Museum, University), 1956–1965.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date	
1	1–25	Mai 1956	
2	26–50	Jul 1960	
3	51–75	Feb 1965	Bryologist **68:** 267. 1965

INDEX: Schedae issued with fascicles.

LABELS: Printed, with title, number, name and authority, citation and synonyms, collecting data. 8 *Pseudocyphellaria crocata* (L.) Vain. There are new combinations. FH, G

REMARKS: Issued in packets.

Anders, Joseph (?–1936).

LICHENES EXSICCATI BOHEMIAE BOREALIS (FLECHTEN NORD-BOHMENS). Fascicles I–VI, numbers 1–333. B. Leipa, 1929–1933.

L

DATES OF PUBLICATION: From indexes.

Fascicle	Numbers	Date	
1	1–50	Dec 1929	
2	51–110	Aug 1930	
3	111–160	Jan 1931	
4	161–220	Oct 1931	
5	221–270	Oct 1932	Feb 1932 in Hedwigia Beibl. **72:** (113). Apr 1932
6	271–333	Sep 1933	

INDEX: Accompanied the fascicles; with Fascicle 1, handwritten, others printed. Lynge Suppl. 233.

REFERENCE: Anders, Die Strauch- und Laubflechten Mitteleuropas, 1928.

LABELS: Non vidi. See 78 *Cladina alpicola*.

Anzi, Martino (1812–1883).

CLADONIAE CISALPINAE EXSICCATAE, QUAS COLLEGIT DISTRIBUITQUE PROF. M. ANZI. Numbers 1–28 (formae 85). Como, 1862.

L

DATE OF PUBLICATION: Handwritten on the copy at BM; confirmed in Herbarium 31, 1913. Lynge gives the year as 1861, and Sydow, Flechten Deutschlands, p. xv, as 1863.

INDEX: Lynge 5–6.

REFERENCE: Cited in Anzi's Analecta lichenum, rariorum vel novarum Italiae superioribus, 3 p., 1868.

LABELS: Printed, except for the number which is written in; name authority, citations, habitat and locality. 16 C *Cladonia bellidiflora* var *epiphylla* Anzi, not described. BM, FH, NY

REMARKS: The copy at BM is in a 4° portfolio.

Anzi, Martino (1812–1883).

LICHENES ETRURIAE RARIORES EXSICCATI, QUOS COLLEGIT EDIDITQUE PRESB. MARTINUS ANZI EQ. MAURIT. IN SEMINARIO NOVO COMENSI PROFESSOR. Numbers 1–53. Novi-Comi, 1862.

L

DATE OF PUBLICATION: From Anzi in preface to Lichenum rariorum . . . Langobardia et Etruria, 1862; preface dated 28 Jul 1862. (This book is cited in Anzi's other works as Manipulus; the species are serially numbered.) The exsiccata is dated 1863 in Lynge and in Sydow, Flechten Deutschlands, p. xv.

INDEX: A list accompanied the specimens. Lynge 15–16.

REFERENCE: There are comments on various numbers in Hedwigia **2:** 101, 109, 1863.

LABELS: Printed, with number, name, authority and citations, habitat and locality. New taxa not described. 20 *Rinodina luridescens* Anzi, sp nov (described in Anzi, Lich. rar. Langob. Etr., 1862, as *Buellia luridescens*). NY, PC

REMARKS: Issued in a 4° portfolio with title page and index. The first 44 numbers of the index are printed, the rest written.

Anzi, Martino (1812–1883).

LICHENES EXSICCATI MINUS RARI ITALIAE SUPERIORIS, DISTRIBUTI CURA PRESB. M. ANZI IN SEMINARIO NOVO COMENSI PROFESSORIS. Fascicles I–VIII, numbers 1–400. Novi-Comi, 1865.

L

DATES OF PUBLICATION: Jun 1865 on title pages of all fascicles. There are 50 numbers per fascicle.

INDEX: Lynge 6–14.

REFERENCE: Specimens cited in Anzi, Neosymbola, 18 p., 1866.

LABELS: Facsimile autograph, with number, name, authority, some citations, locality. 19 *Alectoria jubata* f *rufescens*, without author or description. FH, NY, PC

REMARKS: Issued in 4° portfolios.

Anzi, Martino (1812–1883).

LICHENES PROV. SONDRIENSIS, ET NOVO-COMENSI EXSICCATI, QUOS COLLEGIT PRESB. MARTINUS ANZI. Series II. L. minus rari. Fascicles I–XI, numbers 1–288.

L

DATES OF PUBLICATION: Presumably after 1868, since it is not cited in any of Anzi's books up to that year. Numbers from the set at UPS.

Fascicle	Numbers
1	1–39
2	40–69
3	70–97
4	98–123
5	124–147
6	148–173
7	174–196
8	197–214
9	215–241
10	242–261
11	262–288

INDEX: Lynge 16–23.

REFERENCE: Labels of the specimens cite Anzi, Catalogus lichenum quos in provincia Sondriensi et circa novum-comum, collegit et in ordinem syste-

maticum digessit, 126 p., 1860. The book is divided into Series I (Lichenes Homoeomerici) and Series II (Lichenes Heteromerici), and serially numbered from 1–541, but the numbers do not correspond with those of the exsiccata, and this book does not, therefore, account for the "Ser. II" on the set.

LABELS: Printed, with number, name, authority, reference to Anzi Catal., and some other citations. 1 *Usnea barbata* var *florida* (L.) Anzi. NY, UPS

Anzi, Martino (1812–1883).

LICHENES RARIORES LANGOBARDI EXSICCATI, QUOS COLLEGIT EDIDITQUE PRESB. MARTINUS ANZI IN SEMINARIO NOVOCOMENSI PROFESSOR. Fascicles I–XIV, numbers 1–578. Novi-Comi, 1861–1873.

L

DATES OF PUBLICATION: An advertisement in Anzi's Catal. Lich. Sondriensi, 1860, p. 118, states that numbers 1–200 will be issued in 1861; in the preface to his Lich. rar. Langob. Etr., 1862 (preface dated 28 Jul), he cites this exsiccata to number 280, and in the text to number 285. Fascicles 8–14 are dated on title pages.

Fascicle	Numbers	Date	
1	1–45	1861	
2	46–85	1861	
3	86–126	1861	
4	127–164	1861	
5	165–204	1861	
6	205–249	1862, in Hedwigia **2:** 82. 1863	
7	250–289	1862?	
8	290–332	Mai 1863	
9	333–370	Mai 1863	
10	371–410	Dec 1863	
11	411–452	Mai 1865	
12	453–494	Dec 1866	
13	495–537	Jun 1868	Cited in Anzi's Analecta, preface Mai 1868
14	538–578	Dec 1873	

INDEX: Accompanied the fascicles. Lynge 24–35.

REFERENCES: Nylander commented on various numbers in Flora **46:** 75–77, 1863. New taxa of the set were described in Anzi's Lich. rar. Langob. Etr., Symbola lychenum, 1864, and Neosymbola, 1866.

There are comments on early numbers in Hedwigia **2:** 102, 109, 1863.

LABELS: Printed, with number, name, authority, citations, reference to Anzi's Catal. Lich. Sondr. (1860), locality and habitat. 1 *Omphalaria coralloides* (Mass.) Nyl. G, NY, PC

REMARKS: Issued in 4° portfolios.

Anzi, Martino (1812–1883).

LICHENES RARIORES VENETI "ADDITIS NONNULLIS SPECIEBUS EX VICINIIS REGIONIBUS" QUOS EX HERBARIO MASSALONGIANO IN CONTINUATIONEM LICHENUM ITALIAE EXSICCATORUM EXCERPSIT EVULGATIQUE PRESB. MARTINUS ANZI EQ. MAURITIANUS IN SEMINARIO NOVO-COMENSI PROFESSOR. Fascicles I–IV, numbers 1–175. Novi-Comi, 1863.

L

DATE OF PUBLICATION: Mai 1863 on title pages of all fascicles.

Fascicle	Numbers
1	1–43
2	44–86
3	87–129
4	130–175

INDEX: A list accompanied the fascicles. Lynge 35–39.

REFERENCE: Specimens cited in Anzi, Symbola lychenum rariorum, 1864, and Analecta Lichenum . . Italiae, 1868.

LABELS: Printed, with number, name, authority and citations, locality and collector. 4 B *Omphalaria cyathodes* var *minor, compacta* Arn. in herb. Mass., without description. NY, PC

REMARKS: Issued in 4° portfolios; at PC the specimens are arranged systematically. See Massalongo, below, p. 145.

Arnold, Ferdinand Christian Gustav (1828–1901).

LICHENES EXSICCATI [LICHENES JURAE]. Numbers 1–1816. Eichstadt, later Munich, 1859–1900.

The original title was Lichenes Jurae et allarum regionum exsiccati, according to Sydow. Reviews listed the set under the title Lichenes Jurae, or Juraflechten, until the issue beginning with number 737, when both Hedwigia and Bot. Jahresb. began to cite it as Lichenes exsiccati. This is also the point at which publication began in Munich. Other journals still referred to it as Lichenes Jurae, and Bot. Centralbl. listed numbers 870–904 as Lich. eur. exs. Tiroliae et Bavariae.

L

DATES OF PUBLICATION:

Numbers	Date	Source of date
1–30	1859	Flora **42:** 16. Jan 1859
31–60	Mai 1859	Flora **42:** 288. 14 Mai 1859
61–90	Aug 1859	Flora **42:** 624. 21 Oct 1859
91–183, 184–218		Flora **44:** 47–48. 21 Jan 1861
219–255	Mai 1863	Flora **46:** 237–239. 1 Jun 1863; Hedwigia **2:** 150–151. 1863
–272–	1864	Lynge
–294	1865	Lynge

Numbers	Date	Source of date
296(sic)–318	1868	Hedwigia **7:** 142. 1868
319–398		
399–427	1870	Hedwigia **9:** 75. 1870
428-446, supplement	1871	Hedwigia **10:** 109. 1871
447–479	1871	Hedwigia **11:** 16. 1872
480–525		
526–571	1874	Bot. Jahresb. **2:** 66. 1874
572–616	1874	Bot. Jahresb. **2:** 66–67. 1874
617–649	1876	Bot. Jahresb. **4:** 72–73. 1876
650–736		
737–780	1879	Hedwigia **18:** 16, 43–44. 1879
781–821	1879	Hedwigia **18:** 176. 1879
822–869, supplement	1880	Hedwigia **19:** 183. 1880; Bot. Centralbl. **4:** 1663–1664. 1880; 737–869 in Bot. Jahresb. **8:** 593. 1880
870–904	1881	Hedwigia **21:** 16. 1882; Bot. Centralbl. **9:** 65 and **10:** 267–268. 1882
905–966	1882	Hedwigia **21:** 176. 1882; Bot. Centralbl. **15:** 187. 1883; Bot. Jahresb. **11:** 391. 1883
967–		
1263–1449	1888	Rev. Gén. Bot. **1:** 397. 1889
1432(sic)–1483	1889	Bot. Centralbl. **46:** 86–87. 1891; 1432–1492 in 1889, fide Rev. Gén. Bot. **2:** 404. 1890
1484–1514	1890	Bot. Centralbl. **47:** 50. 1891; 1497–1514 in 1890, fide Rev. Gén. Bot. **4:** 32. 1892
1515–1537	1891	Bot. Centralbl. **50:** 177–178. 1892
1538–1568	1892	Bot. Centralbl. **54:** 108–109. 1893; 1893 in Rev. Gén. Bot. **6:** 227. 1894
1569–1600, supplement	1893	Bot. Centralbl. **58:** 361. 1894
1601–1635, supplement	1894	Bot. Centralbl. **62:** 382–383. 1895
1636–1643		
1644–1673, supplement	1895	Bot. Centralbl. **65:** 12. 1896
1674–1687		
1688–1718(1717?)	1898	Rev. Gén. Bot. **10:** 218. 1898; Allg. Bot. Zeitschr. **3:** 35. 1897
1719–1745, supplement	Nov 1897	Bot. Centralbl. **72:** 362. 1897; Hedwigia Beibl. **37:** (139). 1898
1746–1776, supplement	1898	Allg. Bot. Zeitschr. **5:** 35. 1899
1778(sic)–1800	1899	Bot. Centralbl. **81:** 105–106. 1900
1801–1816	1900	Bot. Centralbl. **85:** 25. 1901

INDEX: Schedae of numbers 1–1600 were published in Berichte Bayerische Bot. Gesellschaft **3:** 1–56, 1894 (separate issued) and numbers 1601–1800 in the same journal **7:** Appendix, 1900 (separate dated 1899). Lynge notes that the nomenclature is revised.

Lynge 39–83 lists numbers 1–1801; 1801–1816 are listed in Bot. Centralbl. **85:** 25, 1901.

REFERENCES: Arnold, Die Lichenen des fränkischen Jura, first issued in Flora 1858–1885, 1890 (for references see Catal. Sci. Papers), issued separately in 1890.

LABELS: Most labels are printed in large bold type; some are in facsimile autograph. Number, name, authority, citation, some synonymy, place and date of collection, collector. 1655 *Lecanora conizaea* f *variola* Arn., not described. FH, G, NY, PC

REMARKS: At FH the original packets are arranged systematically on sheets.

Rehm and Krempelhuber were among the collectors of specimens. Some of the numbers are photographs of specimens in the herbaria of Floerke, Flotow and Wallroth. Herbarium 15, 1910, offered for sale a set of these photographs, under the authorship of Arnold and with the title: Cladoniae herbarium Floerke et Wallroth. Die Cladonien aus den Herbarium Floerkes und Wallroths getrocknet, oder photogr. abgebildet. 100 spez., München, 1888. Leyden has a bound book of the photographs.

Arnold, Ferdinand Christian Gustav (1828–1901).

LICHENES MONACENSES EXSICCATI. Numbers 1–530. München, 1889–1900.

L

DATES OF PUBLICATION: From reviews.

Numbers	Date	Bot. Centralbl.
1–77	1889	**46:** 84–85. 1891. Rev. Gén. Bot. **2:** 405. 1890
78–142	1890	**47:** 51. 1891
143–203	1891	**50:** 204–205. 1892. 1890 in Lynge
204–215	1892	**50:** 204–205. 1892
216–280	1892	**50:** 204–205. 1892. Early 1893 in Rev. Gén. Bot. **6:** 228. 1894
281–333	1893	**58:** 360–361. 1894
334–383	1894	**62:** 383. 1895
384–421	1895	**65:** 13–14. 1896. Nov 1895 in Lynge
422–461	1896	**68:** 401–402. 1896. Allg. Bot. Zeitschr. **3:** 35. 1897
462–493	Nov 1897	**72:** 362–363. 1897. Hedwigia Beibl. **37:** (139). 1898
494–505	1899	**81:** 106. 1900. Hedwigia Beibl. **39:** (39). 1900
506–530	1900	**85:** 25. 1901

INDEX: Lynge 84–92; listed in Bot. Centralbl. reviews.

REFERENCES: Arnold, Zur Lichenflora von München, 1891, Supplement 1892; revisions 1898 and 1901. (Monacensis = of Munich)

LABELS: Printed, with title, number, name and authority, usually a descriptive phrase in Latin, collecting data. 18 *Physcia decipiens* Arn. L, PC, STR.

REMARKS: At STR complete, in packets.

Asahina, Yasuhiko (1881–x).

LICHENES JAPONIAE EXSICCATI. Ex Herb. National Science Museum, Tokyo. Numbers 1–300.

L

DATE OF PUBLICATION: Number 300 was collected in 1958.

LABELS: Printed, with title, number, name, authority, collecting data. 1 *Alectoria sulcata* Nyl. UPS

Baker, Charles Fuller (1872–1927).

See under Baker, C. F., Pacific Slope Bryophytes in PART IV. BRYOPHYTA.

Barth, József (1833–1915).

HERBARIUM TRANSSYLVANICUM: DIE FLECHTEN SIEBENBURGENS, GESAMMELT UND HERAUSGEGEBEN VON J. BARTH. Fascicle I, numbers 1–50. Langenthal, 1873.

L

DATE OF PUBLICATION: From Lynge and Bot. Jahresb. **1:** 146, 1873.

INDEX: Lynge 95.

REFERENCE: Barth. Zur Cryptogamenflora Siebenbürgens. Verh. Mittheil. Siebenb. Ver. Naturwiss. Hermanns. **27:** 97–98. 1877.

LABELS: Non vidi. See 1 *Usnea plicata* Ach.

REMARKS: See another part of this set in PART IV. BRYOPHYTA.

Bohler, John (1797–1872).

LICHENES BRITANNICI OR, SPECIMENS OF THE LICHENS OF BRITAIN IN MONTHLY FASCICULI WITH DESCRIPTIONS AND OCCASIONAL REMARKS. Fascicles I–XVI, numbers 1–128. Sheffield (Ridge), 1835–1837.

L

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date
1	1–8	Jun 1835
2	9–16	Jul 1835
3	17–24	Aug 1835
4	25–32	Sep 1835
5	33–40	Oct 1835
6	41–48	Nov 1835
7	49–56	Dec 1835
8	57–64	Jan 1836
9	65–72	Feb 1836
10	73–80	Mar 1836
11	81–88	Apr 1836
12	89–96	Jun 1836
13	97–104	Aug 1836
14	105–112	Oct 1836
15	113–120	Feb 1837
16	121–128	Oct 1837

INDEX: Numbers 1–120 in Lynge 98–100.

LABELS: Printed, with number, name, usually with authorities and citations, description in English, locality. 7 *Scyphophorus gracilis,* without author. BM, FH, NY

REMARKS: Bound paper pamphlets with title page printed on the front and the specimens on folded sheets, each with a page of text. Some of the numbers are plates. The price was 3/6 each.

The 16th fascicle is rarely cited, but is in FH and BM.

Britzelmayr, Max (1839–1909).

LICHENES EXSICCATI AUS DER FLORA AUGSBURGS. Fascicles I–X, numbers 1–420; Supplement I–V, numbers 421–1012; 80 plates. Berlin (Friedländer), 1903–1907.

Title varies; see below.

L

DATES OF PUBLICATION: From reviews.

Fascicle	Numbers	Date	
1	1–40	1903	Bot. Jahresb. **31:** 292–298. 1903 (Fascicles 1–10)
2	41–80	1903	
3	81–120	1903	
4	121–160	1903	
5	161–200	1903	
6	201–240	1903	(Accessioned PC 17 Nov 1904)
7	241–280	1903	
8	281–320	1903	
9	321–381	1903	
10	382–420	1904	Bot. Jahresb. **32:** 26–28. 1904 (Fascicle 10, Supplements 1–2)
Supplement			
1	421–466	1904	
2	467–520	1904	
	521–540	1905	Bot. Jahresb. **33:** 665–666. 1905
3	541–707	1905	Bot. Jahresb. **33:** 665–666. 1905; Hedwigia Beibl. **45:** (36–37). Oct. 1905 (numbers 541–558) and **45:** (73–74). Jan 1906 (numbers 581–707)
4	708–741	1906	Bot. Jahresb. **34:** 22–23. 1906
5	742–847	1907	Bot. Jahresb. **35:** 52–53. 1907; Hedwigia Beibl. **46:** (140–141) Mai 1907
	848–1012	1907	From schedae, not in Bot. Jahresb. or Hedwigia. Specimens to 1003 and plates 1004–1012 at FH

INDEX: Schedae and plates in Bericht des Naturwissenschaftlicher Verein Schwaben, Augsburg, as follows: **36:** 25–80, 1904, **37:** 183–228, 1906, **38:** 3–76, 1907. The numbers are arranged systematically, not serially. An index in facsimile autograph accompanied the issues.

Lynge 102–120. Most issues are listed in Bot. Jahresb. and some in Hedwigia.

LABELS: Facsimile autograph or handwritten, with number, name, some authorities, collecting data in German. 220 *Ramalina pollinaria* f *obtusa,* no author or description. BM, FH, L, PC

REMARKS: The title on labels at FH varies: numbers 1–707 and 742–800, Lichenes Exs. aus der Flora von Augsburg; numbers 708–741 and 801 to the end, Lichenes Exs. Bavariae. Numbers 708–741 and some scattered higher numbers are figures only.

The subtitle also varies on schedae; see Lynge 102.

Carroll, Isaac (1828–1880).

LICHENES HIBERNICI EXSICCATI. Fascicle I, numbers 1–40. Cork (Purcell), 1859.

L

DATE OF PUBLICATION: From title page; accessioned BM 1859.

INDEX: Lynge 121–122.

LABELS: Printed, with number, name, authority, place of collection. 21 *Lecidea alboatra* Schaer. *saxicola*, no authority or description. BM

REMARKS: In a 15×22 cm looseleaf portfolio.

Claudel, H., Victor Claudel, and François Jules Harmand (1844–1915).

LICHENES GALLICI PRAECIPUI EXSICCATI. Fascicles I–XI, numbers 1–550. Docellis Vogesorum, 1903–1913.

L

DATES OF PUBLICATION: All fascicles except the first are dated; all references agree on the beginning date.

Fascicle	Numbers	Date	
1	1–50	1903	
2	51–100	1903	
3	101–150	1904	
4	151–200	1904	
5	201–250	1904	
6	251–300	1904	
7	301–350	1905	
8	351–400	1905	(Lynge has 1906)
9	401–450	1908	
10	451–500	1908	(Lynge has 1911; Hedwigia Beibl. **51:** (86). 1911 has 1910)
11	501–550	1913	(1914 in Herbarium 35. 1914 and Hedwigia Beibl. **55:** (70). Mai 1914)

INDEX: An alphabetical list accompanied at least the first 4 fascicles. Fascicles 1–5 listed in Bot. Jahresb. **32:** 28–30. 1904. Lynge 122–131.

LABELS: Printed, with number, name, authority, habitat; some collecting data are written in. 1 *Collema pulposum* Ach. FH, PC

REMARKS: Issued in looseleaf portfolios.

See other sets by Harmand.

Coëmans, Henri Eugene Lucien Gaëtan (1825–1871).

CLADONIAE BELGICAE EXSICCATAE, QUAS COLLEGIT ET DISTRIBUIT, SCHEDULIS CRITICIS ADDITIS, EUGENIUS COEMANS. Centuries I–II, numbers 1–200. Gandae (Dooselaere), 1863–1866.

L

DATES OF PUBLICATION:

Century	Numbers	Date	
1	1–100	1863	Preface dated 1 Nov 1863. Hedwigia **3:** 21–22. Feb 1863
2	101–200	1866	Title page dated

INDEX: Index included. Lynge 131–135. Century 1 in Flora **47:** 42–45. 1864.

LABELS: Printed, with number, name, authorities, citations, synonyms and exsiccatae, collecting data. Most of the names are followed by form names, as junior, fructifera, etc. 1 *Cladonia Papillaria* Hoffm., *junior.* NY, PC

REMARKS: In portfolios, small 4°

Cretzoiu, Paul (1909–1946).

LICHENES ROMANIAE EXSICCATI, A LABORATORIO BOTANICO SCHOLAE POLYTECHNICAE BUCUREŞTI EDITAE. Collaboratores: O. Klement, M. Badea. Decades I–X, numbers 1–100. Bucureşti, 1936–1940/41.

L

DATES OF PUBLICATION: From accession lists, and/or schedae, Lynge Suppl.

Decade	Numbers	Date	
1	1–10	1936	Accessioned FH 13 Jul 1936
2	11–20	1937	Decades 2–4 accessioned FH 3 Aug 1937
3	21–30	1937	
4	31–40	1937	
5	41–50	1937	Accessioned FH 18 Dec 1937
6	51–60	1938	Decades 6–7 accessioned FH 10 Jun 1938
7	61–70	1938	
8	71–80	1939	Accessioned FH 2 Nov 1939; BM 18 Mai 1939
9	81–90	1940	Accessioned FH 14 Mai 1940; BM 16 Apr 1940
10	91–100	1940 or 1941	Accessioned FH Jan 1941

INDEX: Schedae in Acta pro Fauna et Flora Universalis, Series II, Bucharest. Numbers 1–70 in Lynge Suppl. 233.

LABELS: Printed, with title (from Decade 9 with decade number), number, name, authority, collecting data. 96 *Cladonia rangiferina* (L.) Web. FH, L, UPS

REMARKS: Issued in packets.

Crombie, James Mascall (Morrison) (1830–1906).

LICHENES BRITANNICI EXSICCATI. Centuries I–II, numbers 1–200. London, 1874–1877.

L

DATES OF PUBLICATION:

Century	Numbers	Date	
1	1–100	1874	Grevillea **3:** 81–83. Dec 1874
2	101–200	1877	Grevillea **6:** 20–22. Sep 1877

INDEX: Listed in Grevillea reviews. Lynge 135–138.

REFERENCES: Crombie was the author of Lichenes britannici, 138 p., 1870, and of Monograph of the Lichens found in Britain; being a descriptive Catalogue of the species in the Herbarium of the British Museum, Part 1, 1894.

LABELS: Handwritten, with title, number, name, authority, habitat and locality in Latin. 129 *Ramalina Curnowii* Cromb., without description. G

REMARKS: The announcement in Jour. Bot. Lond. **3**(12)**:** 382, 1874, said that only a few copies were published, intended for public herbaria.

Cummings, Clara Eaton (1855–1906), Arthur Bliss Seymour (1859–1933), and Thomas Albert Williams (1865–1900).

DECADES OF NORTH AMERICAN LICHENS. Decades I–XXXVI, numbers 1–360. Wellesley, Massachusetts, 1892–1903.

Usually cited of Cummings alone, but Decades 1–15 by Cummings and Seymour, from Decade 16 by Cummings, Williams and Seymour.

L

DATES OF PUBLICATION: The dates in Lynge were supplied to him by W. G. Farlow.

Decades	Numbers	Lynge	
1–4	1–40	1892?	1892 in Bot. Gaz. **23:** 218. 1897
5–9	41–90	1893?	
10–15	91–150	Mai 1894	Written on label at FH
16–18	151–180	1895?	
19–21	181–210	1896	Bot. Gaz. **23:** 218–219. Mar 1897
22–25	211–250	1897	Accessioned FH 1897
26–29	251–290	1898	Indexed at FH 8 Oct 1898
30–32	291–320	1 Mar 1899	
33–36	321–360	21 Mai 1903	Accessioned NY Aug 1903

INDEX: Lynge 138–145.

REFERENCE: The same authors published Lichenes Boreali-Americani, q.v. Some, but not all, of the specimens in the two sets are identical. R. H. Howe, in a series of articles on *Ramalina* in Bryologist, 1913–1914, collated the two sets for that genus. Thus 91 *R. ceruchis* of the Decades is the same collec-

tion as 1 *R. ceruchis* of Lich. Bor.-Am., but 152 *R. intermedia* of Decades is not the same collection as 179 *R. intermedia* in Lich. Bor.-Am.

LABELS: Printed, with title, author(s), number, name, authority, collecting data. 177a *Arthronia lecideella* Nyl. BM, FH, NY

REMARKS: The price was 75 cents a decade. Specimens with the label, New England Lichens, collector Clara E. Cummings, have no set numbers.

Cummings, Clara Eaton (1855–1906), Thomas Albert Williams (1865–1900), and Arthur Bliss Seymour (1859–1933).

LICHENES BOREALI-AMERICANI, SECOND EDITION OF DECADES OF NORTH AMERICAN LICHENS, PREPARED BY CLARA E. CUMMINGS, THOS. A. WILLIAMS AND A. B. SEYMOUR. Decades I–XXVIII, numbers 1–280. Wellesley, Mass., 1894–1903.

L

DATES OF PUBLICATION: From reviews.

Decades	Numbers	Date	
1–11	1–110	1894	Bot. Centralbl. **66:** 164. 1896
12–14	111–140	1895	Bot. Centralbl. **66:** 164. 1896; Bot. Gaz. **23:** 218–219. 1897
15–22	141–220	Jul 1898	Bot. Centralbl. **75:** 236. 1898
23–25	221–250	1899	Bot. Gaz. **27:** 416–417. Mai 1899
26–28	251–280	1903	Bot. Jahresb. **31:** 298. 1903

INDEX: Lynge 145–149. Some issues are listed in reviews.

LABELS: Printed, with title, number, name, authority, habitat, collecting data. 1 *Ramalina ceruchis* (Ach.) De Not. FH, NY

Delise, Dominic François (1780–1841).

LICHENS DE FRANCE. Fascicle I, numbers 1–25; 24 p. text. Vire, 1828.

L

DATE OF PUBLICATION: The year is printed on the front of the fascicle; the preface is dated 1 Jul 1828. Lindau and Sydow cite a second fascicle of 21 numbers, "nicht erscheinen," though it is in Sydow 123.

INDEX: Lynge 150.

REFERENCE: Reviewed in Linnaea Lit. Ber. **1830:** 196.

LABELS: Printed, with only number and name. The text has full literature citations, descriptions in Latin and remarks in French. 1 *Spiloma tumidulum*. FH, L

REMARKS: Issued in a 20×22 cm bound book.

See Delise, Néreis Française in PART II. ALGAE.

Dufft, Adolf (1803–1875).

CLADONIEN DER FLORA GERMANICA (GROSSENTHEILS IN DER UMGEGEND VON STETTIN, FERNER IN DER MARK BRANDENBURG GESAMMELT). 1863.

L

DATE OF PUBLICATION: The copy at FH has a handwritten title page signed "A. Dufft/1863," but the obituary of Dufft in Oesterr. Bot. Zeitschr. **25:** 416–417, 1875, says 1860. There are 150 numbers at F, but at L there are numbers to at least 181.

REFERENCES: Dufft's publications on Cladonia are:

Naturgetreue Abbildungen der in Deutschland wachsenden Cladonien, 1860, cited on labels of the exsiccata.

Verzeichnis der um Stettin und in Pommern gesammelten Lichenum. Verh. Bot. Ver. Prov. Brandenb. **5:** 98–118. 1863.

Über die schwierige Flechten-Gattung Cladonia. Verh. Bot. Ver. Prov. Brandenb. **7:** 181–201. 1865.

LABELS: Handwritten, with a red ink frame, and number, name, authority, some synonymy, occasional reference to "Dfft. Clad. Taf.," collecting data including date. *Cladonia endiviaefolia* Fries. FH, L

REMARKS: On cards at FH, but said to be in book form in the obituary notice.

Elenkin, Aleksander Aleksandrovitch (1873–1942).

LICHENES FLORAE ROSSIAE ET REGIONUM CONFINIUM ORIENTALIUM, ELABORAVIT A. ELENKIN. Fascicles I–IV, numbers 1–200. Petropoli, 1901–1910.

L

DATES OF PUBLICATION: Schedae were published in 1902 for Fascicle 1 and 1904 for Fascicles 2–4. The fascicles may have been issued at that time, but the sources below indicate that receipt of them, at least in the west, was later.

Fascicle	Numbers	Probable date	Source of date
1	1–50	1901	1901 on local label at L; Hedwigia Beibl. **41:** (99), Mar/Apr 1902
2	51–100	1907	Accessioned FH Nov 1907; Bot. Jahresb. **35:** 53–54. 1907; accessioned BM Apr 1908
3	101–150	1909	Herbarium 11, 1909; 1910 in Hedwigia Beibl. **50:** (141). 1910; accessioned BM Mar 1910; accessioned FH Apr 1910
4	151–200	1910	Index Herb. **2**(2): 180

INDEX: Schedae in Acta Horti Petropoli **19:** 1–52. 1902 and **24:** 1–118. 1904. Fascicles 2 and 4 in Bot. Jahresb. **32:** 31–33. 1904. Listed in some of the reviews. Lynge 165–169.

LABELS: Printed, with number, name, authority, references including exsiccatae and icones, habitat and observations in Latin. 15 *Usnea longissima* var *contorta,* var nov, described in Latin. FH, L

REMARKS: In 20×30 cm portfolios, the specimens on sheets. Elenkin was the editor of Wereitinov, J. A. & B. F. Kachmensky, Schulherbarium der

Kryptogamen, Fascicle 1, numbers 1–25, Dorpat, 1907. I have seen the index only, at UPS. See 1 *Usnea florida* (L.) Hoffm. Listed in Lynge Suppl. 237.

Fellman, Nils Isak (1841–1919).

LICHENES ARCTICI COLLECTI AESTATE 1863 IN LAPPONIA ORIENTALI. Numbers 1–224. 1865.

L

DATE OF PUBLICATION: Possibly late 1864, since there is an announcement dated 24 Dec 1864 in Flora **48:** 92–93, 28 Feb 1865. Reviewed in Hedwigia **4:** 127–128. Aug 1865.

INDEX: Lynge 180–184.

REFERENCES: Fellman's journey is described in Flora **47:** 381–384, 1864.

Lichens were described by Nylander in Flora **46:** 305–306, 1863, and in his Prodromi lichenographiae Scandinaviae supplementum: Lichenes lapponiae orientalis, 91 p., 1866.

LABELS: Title printed; number, name and authority handwritten. 125 *Lecanora subfusca* f *argentata* Ach. FH, NY

Flagey, Camille (1837–1898).

LICHENES ALGERIENSES EXSICCATI. Fascicles I–III, numbers 1–307. Azéba, Algérie, 1891–1895.

L

DATES OF PUBLICATION: From journals.

Fascicle	Numbers	Date	Rev. Mycol.	Bot. Centralbl.
1	1–100	1891	**13:** 83–87, 107–117. Jul 1891	**46:** 193. 1891 and **53:** 278–280. 1893
2	101–200	1892	**14:** 70–79. Apr 1892	**53:** 341–342. 1893
3	201–307	1895	**17:** 101–115. Jul 1895	**64:** 206–208. 1895

INDEX: Schedae in Rev. Mycol.; lists in Lynge 184–189 and Bot. Centralbl. 1893, 1895.

REFERENCE: Flagey, Catalogue des lichens de l'Alger, 141 p., 1896.

LABELS: Printed, with title, number, name, authority and citation, some remarks, locality and habitat. 12 *Parmelia glabrizans* Flagey ("nova species sensu celeb. Nylander, teste celeb. Arnold"), not described; 25 *Physcia subvenusta* f *corticola* has a descriptive phrase. FH, PC

REMARKS: Issued in portfolios.

Flagey, Camille (1837–1898).

LICHENS DE FRANCHE-COMTE ET DE QUELQUES LOCALITES ENVIRONNANTES, PUBLIES PAR C. FLAGEY, INGENIEUR CIVIL. Fascicles I–IX, numbers 1–450. 1882–1888.

L

DATES OF PUBLICATION: From reviews.

Fascicle	Numbers	Date	Rev. Mycol.
1	1–50	1882	**5:** 71–74. Jan 1883; Bot. Jahresb. **11:** 391. 1883
2	51–100	1882	**5:** 71–74. Jan 1883; Bot. Jahresb. **11:** 391. 1883
3	101–150	1883	**5:** 133–134. Apr 1883; Atti Soc. Crittog. Ital. **3:** 257. 1884
4	151–200	1883	**6:** 62. Jan 1884
5	201–250	1884?	**6:** 135. Apr 1884
6	251–300	1884	**7:** 64–65. Jan 1885
7	301–350	1884	**7:** 64–65. Jan 1885
8	351–400	Oct 1885	**8:** 53. Jan 1886
9	401–450	1888	**10:** 165. Jul 1888; Rev. Gén. Bot. **1:** 397. 1889

INDEX: A list accompanied the fascicles. Listed in most of the Rev. Mycol. reviews. Lynge 189–196.

REFERENCES: Cited in Flagey's Flora des lichens de Franche-Comté, then in course of publication. The parts of the book first appeared in Mém. Soc. Emul. Doubs as follows: Part 1 in **5**(7): 281–340, 1883; Part 2 in **5**(9): 207–384, 1885; Part 3 in **6**(7): 19–123, 1893; Part 4 in **6**(8): 79–131, 1894; Part 5 in **6**(9): 125–301, 1895 and **7**(2): 267–314, 1898.

LABELS: Printed, with number, name, authority, some collecting data. 6 *Cladonia fimbriata* f *macra* and var *subulata,* without author or description. FH, PC

REMARKS: Looseleaf portfolios, with a title page but no place or date of publication.

Floerke, Heinrich Gustav (1764–1835).

CLADONIARUM EXEMPLARIA EXSICCATA, COMMENTATIONEM NOVAM ILLUSTRANTIA. Fascicles I–III, numbers 1–60. Rostock (Stiller), 1829.

L

DATE OF PUBLICATION: From Pritzel and Herbarium 31, 1913; 20 numbers per fascicle.

INDEX: Lynge 197–198.

REFERENCES: Floerke, Lichenum genere Cladonia commentatio I, 1837, p. 1–46, and Commentatio nova, 1828, p. 47–108. The latter, to be illustrated by the exsiccata, is cited in AVB **1828** (Jul-Dec): 331 and in Linnaea Lit. Ber. **1828/1829** 3: 120. The title in Pritzel is De Cladoniis, dificillimo Lichenum genere commentatio nova, 186 p., 1828.

LABELS: Printed, with number, name, and reference to the book. 22 *Cladonia degenerans* 1. *gracilescens* Comment. nov. p. 48. L

Floerke, Heinrich Gustav (1764–1835).

DEUTSCHE LICHENEN, GESAMMELT UND MIT ANMERKUNGEN HERAUSGEGEBEN VON H. G. F. Fascicles I–X, numbers 1–200; 10 p. text. Fascicles 1–3 at Berlin, Fascicles 4–10 at Rostock, 1815–1821.
L

DATES OF PUBLICATION: From Lynge and Sydow 123; Fascicles 1–3 in AVB 5 Mar 1815; Fascicles 7–10 in Flora **5:** 368, 21 Jun 1822. Fascicles have 20 numbers each.

Fascicles	Numbers	Date
1–3	1–60	1815
4–6	61–120	1819
7–10	121–200	1821

INDEX: Lynge 198–201.

REFERENCE: Lynge cites a commentary by Schaerer in Naturwiss. Anzeiger für die Schweiz, 1817.

LABELS: The label itself is printed with only the number, name, authority and synonym. I have not seen the text. 200 *Cenomyce neglecta* a.b. *Pocillum* Flörk. L

REMARKS: For photographs of Floerke's lichens see Arnold Lich. exs., above, p. 112.

Flotow, Julius von (1788–1865).

DEUTSCHE LICHENEN EXSICCATI.
L

Cited by Koerber, Syst. Lich. Germ., 1855, as of 152 numbers, and by Lindau and Sydow as of over 400 numbers. Sydow 123 calls it "inedit." UPS has numbers 1–95. This set should not be confused with Flotow's Lichenes exsiccati, q.v.

LABELS: Handwritten, with number, name and authority only. 1 *Usnea barbata* var *plicata* Fr. UPS

Flotow, Julius von (1788–1856).

LICHENES EXSICCATI. Lichenen, vorsüglich in Schlesien, der Mark und Pommern gesammelt von Julius von Flotow. Centuries I–V, numbers 1–448(+), with text. Hirschberg (Landolf), 1829–?

The text (numbers 1–244) at G is printed at Hirschberg; at UPS the first two centuries of specimens have handwritten title pages which state that they were issued at Leipzig.
L

DATES OF PUBLICATION: Centuries 1 and 2 are dated on title pages at UPS. Lynge is able to account for 452 numbers, although his list, and the set at UPS, have to 448B only. Ind. Herb. **2**(2)**:** 201 states that there are 500.

Century	Numbers	Date	
1	1–100	1829	Text has preface dated April 1829. AVB **1829** (Jul-Dec): 315; Flora **12:** 741–743. Dec 1829
2	101–200	1830	
3	201–300		
4	301–400		
5	401–448(+)		

INDEX: Lynge 207–215.

REFERENCE: Flora, 1829, indicates that the text, called Sect. I, and the specimens, called Sect. II in Lynge, were issued simultaneously.

LABELS: Of Centuries 1 and 2, printed, of Century 3, mostly printed, of Centuries 4 and 5, handwritten. Number, name, authority, occasional citations and synonyms. 1 *Lepra candelaris* Fr. (Linn.). G, UPS

REMARKS: At UPS, in 10 portfolios, 20 × 30 cm.

Fóriss, Ferenc (1892–x).

LICHENES BUKKENSES EXSICCATI. Fascicles I–V, numbers 1–100. Miscolc, Hungaria, 1938–1940.

L

DATES OF PUBLICATION: From schedae at BM.

Fascicle	Numbers	Date
1	1–20	1 Mar 1938
2	21–40	15 Jun 1938
3	41–60	1 Dec 1938
4	61–80	1 Feb 1939
5	81–100	1 Nov 1940

INDEX: Schedae issued with the fascicles. Numbers 1–80 in Lynge Suppl. 233.

REFERENCE: Fóriss in Borbásia **2**(3–10): 71–95, 1940, comments on many numbers.

LABELS: Printed, with title, number, name, authority, collecting data. New taxa described in Latin. 26 *Collema Forissii* Szat., sp nov. FH

REMARKS: Issued in packets.

Fries, Elias Magnus (1794–1878), Christian Stenhammar (1783–1866), and Theodor Magnus Fries (1832–1913).

(1) LICHENES SVECIAE EXSICCATI, CURANTE ELIA FRIES. Fascicles I–II, numbers 1–60. Lundae, 1818. Reissued 1824.

(2) LICHENES EXSICCATI SUECIAE, CURANTE E. FRIES. Fascicles III, IV, VII, VIII, IX, XIII, numbers 61–120, 181–270, 361–390. Lundae, 1824–1827.

(3) LICHENES EXSICCATI SUECIAE, CURANTE CHR. STENHAMMAR. Fascicles V, VI, X, XI, XIV, numbers 121–180, 271–330, 391–420. Norcopiae, 1825–1833.

(4) LICHENES EXSICCATI SUECIAE, REDEGIT TH. FRIES. Fascicle XII, numbers 331–360. Upsaliae, 1852.

L

DATES OF PUBLICATION:

Fascicles	Numbers	Date	
1–2	1–60	1818	Title page; Wikström 75
1–3	1–90	1824	Rev. Flora **7:** 583–589. 7 Oct 1824
4	91–120	1825	Schedae; rev. Flora **10:** 529–536. 14 Sep 1827
5–6	121–180	1825	Schedae; Wikström 241
7	181–210	1826	Schedae (by G. C. Ljungstedt); Wikström 76
8	211–240	1826	Schedae; Wikström 76; written on copy at FH
9	241–270	1827	Flora **10:** 534–535. 21 Sep 1827 and **11:** 749–751. 1828; 1826 in schedae and Wikström 76
10–11	271–330	1833	Lynge
12	331–360	1852	Title page; 1856 written on copy at PC
13	361–390	1827	Wikström 77
14	391–420	1833	Lynge

INDEX: Schedae issued for all except Fascicles 10–12. Lynge 215–221.

LABELS: Of Fascicles 1–12 are printed, of 13–14, handwritten (but in the FH copy, more are written). In the first issues of Fascicles 1–2 there are number, name and abbreviated authority only. In subsequent issues labels vary; there may be numbers and names only, or these with authorities, with citations, and with locality. 1 *Coniangium vulgare.* FH, G, PC

REMARKS: The first issue of Fascicles 1–2 is in a 16 × 20 cm portfolio. Later issues in paperbound pamphlets in portfolios.

For the second edition of this set, see Stenhammar, below, p. 165.

Fries, Theodor Magnus (1832–1913).

LICHENES SCANDINAVIAE RARIORES ET CRITICI EXSICCATI, QUOS COLLEGIT ET DISTRIBUIT TH. M. FRIES. Fascicles I–III, numbers 1–75. Upsaliae (Wahlstrom; Fascicle 3 by Reg. Acad.), 1859–1865.

L

DATES OF PUBLICATION: From title pages, confirmed by Krok.

Fascicle	Numbers	Date
1	1–25	1859
2	26–50	1860
3	51–75	1865

INDEX: Lynge 222–223; Fascicle 3 listed in Hedwigia **5:** 183–184, 1866.

REFERENCE: Reviewed by Krempelhuber in Flora **44:** 13–14, 1861.

LABELS: Printed, with number, name, authority, citation, synonyms, habitat and locality in Latin, date of collection, collector. 12 *Cladonia bellidiflora* (Ach.). FH, G, L, PC

REMARKS: Issued in 16 × 20 cm portfolios.

T. M. Fries edited Fascicle 12 of E. Fries's Lichenes Exsiccati Succiae, q.v., as well as several exsiccatae of vascular plants.

Garovaglio, Santo (1805–1882).

LICHENES EXSICCATI LONGOBARDIAE IN ORDINEM SYSTEMATICUM DISPOSITI. Decades I–VIII, numbers 1–80. Ticini, 1864–1867.

L

DATES OF PUBLICATION: From Sydow 123–124. Decades 1–3 in 1864, fide Jatta Lich. Fl. Ital. Crypt. **1** (1): 15, 1909.

REFERENCE: Garovaglio, Tentamen dispositionis methodicae lichenum in Longobardia nascentum, 174 p., 1865–1868.

LABELS: Non vidi.

REMARKS: In Sydow there is a subtitle, Verrucariae uniloculares, biloculares et quadri-polyloculares.

Garovaglio, Santo (1805–1882).

LICHENES PROVINCIAE COMENSIS ET VALLIS-TELLINAE, QUOS LEGIT EDIDITQUE SANCTUS GAROVAGLIO, MEDICINAE DOCTOR. Ed. I, Decades I–XXIV, 240 numbers. Mediolani, 1836–1844. Ed. II, Decades I–XLV, 450 numbers. 1846–1849.

Garovaglio, describing his various exsiccatae in Flora **26:** 617–620, 1843, calls this Lichenotheca Austriaca, etiam sub titulo Lichenes Provinciae Comensis . . ., 1836–1843. Sydow 124 uses also the titles Lichenes Comenses exsiccati and Lichenotheca italica.

L

DATES OF PUBLICATION: I have taken the above numbers and dates from Sydow. Decades 1 and 2 are listed in Linnaea Lit. Ber. **1838:** 27, and Decades 3–6 in the same journal **1838:** 143–144. Decades 1–10 are noted in Flora **1840** Intell. I: 26. Specimens in each decade are numbered from 1 to 10.

INDEX: Lynge 228–229.

REFERENCES: Cited and new taxa described in Garovaglio, Delectus specierum novarum . . . in collectionibus suis Cryptogamicus, Sect. 2, 35 p., 1838.

Garovaglio, Catalogo di alcune Crittogame raccolti nella provincia di Como e nella Valtellina, Part 2, 1838.

LABELS: Non vidi. See I.1 *Collema Hildenbrandii* Nobis.

REMARKS: See other sets of the author here and in PART IV. BRYOPHYTA.

Glanc, Kazimierz.

ZIELNIK POROSTOW: DOSWIADCZALNECO NADDLESNICTWA ZIELONKA POD POZNANIEM. Fascicles I–III, numbers 1–57. Poznań, 1956–1961.

L

DATES OF PUBLICATION AND INDEX: Dated schedae issued.

Fascicle	Numbers	Date
1	1–25	1956
2	26–50	1957
3	51–57	1961

LABELS: Printed, with number, name, authority, collecting data in Polish. 57 *Catillaria globulosa* (Flk.) Th. Fr. UPS

REMARKS: See sets with similar title by Krawiec and by Tobolewsky.

Gyelnik, see Köfaragó-Gyelnik.

Hahn, Gotthold.

FLECHTEN-HERBARIUM MIT BESCHREIBUNG. Numbers 1–70, 16 p. text. Gera (Kanitz), 1884.

L

DATE OF PUBLICATION: Hinrichs **39:** 244. (second quarter) 1884.

INDEX: Lynge Suppl. 234.

LABELS: Non vidi. See 8 *Cetraria islandica.*

REMARKS: See Hahn, Moosherbarium in PART IV. BRYOPHYTA.

Hale, Mason Ellsworth, Jr. (1928–x).

LICHENES AMERICANI EXSICCATI, COLLECTED AND PUBLISHED BY M. E. HALE. Fascicles I–III, numbers 1–75. Fascicle 1 at Wichita, Kansas, Fascicles 2–3 at Morgantown, West Virginia, 1954–1957.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date	Accessioned NY
1	1–25	Oct 1954	12 Jan 1955
2	26–50	Jan 1956	18 Apr 1956
3	51–75	Jan 1957	28 Mar 1957

INDEX: Schedae issued with the fascicles. Listed in Rev. Bryol. Lichénol. **24:** 409, 1955, **25:** 4–5, 1956, **27:** 114, 1958.

REFERENCES: Hale, in Bryologist **59:** 41–43, 1956, commented on numbers in Fascicle 1 and listed the 26 institutions receiving it. Reviewed in Bryologist **64:** 384, 1961.

LABELS: Printed, with title, number, name, authority and citation, habitat, collecting data, some remarks on chemical constituents. 1 *Cetraria juniperina* var *virescens* Tuck. FH, NY

REMARKS: Distributed in packets. The author says it will be continued.

Harmand, François Jules (1844–1915), H. Claudel, and Victor Claudel.

GUIDE ELEMENTAIRE DU LICHENOLOGUE. Exsiccata. Volumes I–II, numbers 1–120. Epinal (Homeyer et Ehret), 1904.

There is no author on the title page. Harmand gives only his own name when citing this set in Lichens de France **1:** xlii, 1905, but in Bibl. France 1, Jul 1905 all three names are used.

L (+ 1 H, 1 M)

DATE OF PUBLICATION: From Bibl. France. Volume I has numbers 1–59; volume 2, numbers 60–120.

INDEX: Lynge Suppl. 234.

LABELS: Printed, with number, name and authority only. 1 *Placynthium nigrum* Ach. FH, PC

REMARKS: In two portfolios of loose sheets.

Harmand, François Jules (1844–1915).

LICHENES GALLICI RARIORES EXSICCATI, A J. HARMAND EDITI. Fascicles I–IV, numbers 1–175. Docellis Vogesorum, 1908–1912.

L

DATES OF PUBLICATION: Fascicles 1–3 are dated.

Fascicles	Numbers	Date	
1	1–50	1908	Mar, fide Bot. Jahresb. **36:** 23–24. 1908
2	51–100 bis	1909	Dec, fide Bot. Jahresb. **37:** 28. 1909; 1910 in Hedwigia Beibl. **51:** (86). Jun 1911 and Herbarium 14, 1910
3	101–150 bis	1911	
4	151–175	1912	Hedwigia Beibl. **52:** (153). Jul 1912

INDEX: Lynge 230–232 (Fascicles 1–3).

LABELS: Printed, with number, name, authority, citation, some collecting data. New taxa not described. 38 *Heppia Monguillonii* Harm. sp nov. FH, PC

REMARKS: Format the same as Claudel & Harmand, Lichenes Gallici Praecipui Exsiccati, q.v. The price was 12 marks 50 per fascicle, according to Herbarium.

Harmand, François Jules (1844–1915), and Auguste Marie Hue (1840–1917).

LICHENES IN LOTHARINGIA A J. HARMAND, DIOECESIS NANCEIENSIS PRESBYTERO, AD GLORIAM DEI, NATURAE CON-

DITORIS SAPIENTISSIMI, STUDIOSE OBSERVATI ATQUE ADJUVANTE ET SAPIENS DIRIGENTE A. HUE, IN SACERDOTIO FRATRE AMICISSIMO RECOGNITI ET JUXTA PROPRIAS SPECIES DISTRIBUTI J. HARMAND. Fascicles I–XXI, numbers 1–1624. 1887–1899.

L

DATES OF PUBLICATION: The numbers as issued were not consecutive, the intention being that the purchaser could eventually sort them into a systematic arrangement by serial numbers. The set at FH and the index in Lynge are serially arranged, with numbers from 1–1418 (with omissions). At FH these are in 15 boxes, each dated by hand. The divisions do not exactly correspond with those in Lynge, nor do Lynge's dates exactly correspond with those at FH.

At PC the set is in 21 portfolios, to number 1624, the first fascicle has a printed date, the others have the first two or three digits printed with a space for filling in, which has been done. These dates correspond closely with announcements in Rev. Gén. Bot., and probably represent the actual issues. The Bot. Centralbl. dates, which correspond rather closely with those in FH and Lynge, may represent a subsequent issue, which was systematically arranged. The FH set has some numbers which are not in Lynge.

Fascicle	Date at PC	Rev. Gén. Bot.
1	1887	
2	188–	
3	1888	
4	1889	
5	1889	(5 fascicles by 1888) **1:** 397. 1889
6	1889	
7	1890	(6–7 in 1889) **2:** 404. 1890
8	1890	(8 in 1890) **3:** 32. 1892
9	1892	
10	1892	
11	1893	(But 1896 in Bot. Centralbl. **69:** 320. 1897)
12	1893	(11–12 in 1892–1893) **6:** 182. 1894 (But 12 in 1897 in Bot. Centralbl. **72:** 420. 1897)
13	1893	
14	1894	(But 13–14, 1899, in Bot. Centralbl. **79:** 11. 1899)
15	1896	
16	1897	
17	1897	(13–17, 1894–1897) **10:** 218. 1898 (Cladonia)
18	1898	
19	1898	
20	189–	(Lynge 1899, as Fascicle 13)
21	189–	(Lynge 1899, as Fascicle 14)

INDEX: Lynge 233–240. A few fascicles were listed in Bot. Centralbl.; the lists show that they were of unequal size.

REFERENCES: Numbers cited in Harmand, Catalogue descriptif des lichens observés dans la Lorraine, 521 p., 1894 (extracted Bull. Soc. Sci. Nancy,

1894–1899; issues dated on p. 497 of the book); Lichens de France, 156 p., 1905.

LABELS: Printed, with number, name, authority, synonyms, habitat. Some of the labels at PC are handwritten. 72 *Leptogium tenuisissimum* Schär. FH, PC

REMARKS: Harmand's Catalogue lists on p. 491 thirty owners of the sets.

Hasse, Hermann Edward (1836–1915).

LICHENES EXSICCATI EX HERB. DR. H. E. HASSE RELICTI. Distributed for the Sullivant Moss Society by C. C. Plitt. Fascicles I–X, numbers 1–250. Baltimore, Maryland, 1916–1918.

DATES OF PUBLICATION: It was intended to issue every three months and it seems probable that this schedule was met. Charles Christian Plitt (1869–1933) was at the time curator of lichens for the Sullivant Moss Society (later renamed the American Bryological Society).

Fascicle	Numbers	Date	Bryologist
1	1–25	Sep 1916	**19**(5) **:** cover. 1916
2	26–50	Dec 1916	**19:** 96. 1916
3	51–75	Mar? 1917	
4	76–100	Jun? 1917	
5	101–125	Sep 1917	
6	126–150	Dec? 1917	**20:** (4) . cover. 1917
7	151–175	Mar 1918?	
8	176–200	Jun 1918?	
9	201–225	Sep 1918?	
10	226–250	Dec? 1918	**22:** 4–5. Jan 1919

INDEX: Lynge Suppl. 234.

REFERENCE: All the species are described in Hasse, Lichen Flora of Southern California, 1899 (repaged from Proc. Southern Calif. Acad. Sci.).

LABELS: Printed, with title, number, name, authority, collecting data, reference to Hasse's Lich. Fl. S. Calif. 116 *Ramalina farinacea* (L.)Ach. NY

REMARKS: Hasse's herbarium went to Harvard at his death (4,500 lichens had been acquired by NY in 1907); the duplicates were sent to Plitt, who prepared these sets. It was expected that there would be ten complete copies, to be sold at $5.50 per century; extras were to be sold in incomplete sets.

Havaas, Johan J. (1864–1956).

LICHENES EXSICCATI NORVEGIAE, A MUSEO BERGENSI EDITI. Fascicles I–XXIII, numbers 1–725. Bergen, 1901–1952.

L

DATES OF PUBLICATION: From Lynge and fascicles at UPS.

Fascicle	Numbers	Date
1	1–40	1901
2	41–80	1901
3	81–120	1902

Fascicle	Numbers	Date
4	121–150	1902
5	151–200	1903
6	201–250	1904
7	251–300	1905
8	301–330	1906
9	331–370	1907
10	371–400	1908
11	401–430	1911
12	431–450	1913
13	451–475	1914
14	476–500	1915
15	501–525	1916
16	526–550	1924
17	551–575	1927
18	576–600	1929
19	601–625	
20	626–645	
21	646–670	
22	671–697	
23	698–725	1952

INDEX: Lynge 241–248 and Suppl. 234.

REFERENCE: Havaas, Beiträge zur Kenntnis der Westnorvegischen Flechtenflora, 1909.

LABELS: Title only printed, the rest handwritten. Number, name, authority, synonyms, collecting data. 1 *Calicium norvegicum* (Wain.) Hav. UPS

REMARKS: Issued in 20 × 25 cm portfolios.
The name is also spelled Havås.

Havaas, Johan J. (1864–1956).

LICHENES NORVEGIAE OCCIDENTALIS EXSICCATI, A MUSEO BERGENSE EDITI. Fascicles I–XII, numbers 1–300. Bergen, 1912–1954.

L

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–25	1912	1913 in Hedwigia Beibl. **54:** (59). Sep 1913. Accessioned FH Apr 1913
2	26–50	1913	
3	51–75	1916	
4	76–100	1918	
5	101–125	1935	Numbers 26–125 accessioned FH 17 Mar 1936
6	126–150	1938	Accessioned FH 15 Mar 1938
7	151–175	1938	Accessioned FH 16 Jan 1939
8	176–200	1939	
9	201–225	1942	

Fascicle	Numbers	Date
10	226–250	1948
11	251–275	1951
12	276–300	1954

INDEX: Accompanied the fascicles. Lynge 249, Suppl. 234.

LABELS: Printed, with number, name, authority, collecting data. 61 *Stictina Thouarsii* var *ecyphellata*, without author or description. FH, PC

REMARKS: Specimens on 10 × 15 cm cards, in portfolios. The price was 23 marks per fascicle.

Hepp, Philipp (1797–1867), and Jean Müller "Argoviensis" (1826–1896).

DIE FLECHTEN EUROPAS IN GETROCKNETEN MIKROSKOPISCH UNTERSUCHEN EXEMPLAREN MIT BESCHREIBUNG UND ABBILDUNG IHRER SPOREN. Band I–XVI, Hefts 1–32, numbers 1–962. Zürich (Meyer und Zeller), 1853–1867.

Müller was the author of Bd XIII–XVI, published at Genf.

L

DATES OF PUBLICATION: Issues dated. I use the German names for the parts, since both the "band" and the "heft" have been translated fasciculus by reviewers of this set.

Band	Heft	Numbers	Date	
1	1–2	1–56	1853	
2	3–4	57–111	1853	Jun 1853 in Flora **36:** 272. 7 Mai 1853
3	5–6	112–172	1853	
4	7–8	173–233	1853	Bull. Soc. Bot. Fr. **1:** 257. 1854; Bot. Zeit. **13:** 128. 1855
5	9–10	234–289	Jul 1857	
6	11–12	290–353	Jul 1857	
7	13–14	354–412	Jul 1857	
8	15–16	413–478	1857	
9	17–18	479–536	1860	
10	19–20	537–595	Aug 1860	
11	21–22	596–654	Aug 1860	
12	23–24	655–716	Aug 1860	
13	25–26	717–776	Apr 1867	
14	27–28	777–837	Apr 1867	
15	29–30	838–898	Apr 1867	
16	31–32	899–962	Apr 1867	

INDEX: Hepp, Synonymen-Register zu Flechten Europas, 22 p., 1867. Lynge 250–274.

REFERENCES: The text was sold separately as Abbildungen und Beschreibungen der Sporen . . . der Flechten Europas, 1853–1867.

Corrections of nomenclature were published in Bull. Soc. Bot. Fr. **1:** 319–328, 1854, and Flora **40:** 538–543, 1857.

LABELS: Lithographed, with number, name, authority, synonymy, drawings of spores, description of spores. 4 *Biatora Laureri* Hepp, described in German.
FH, NY, PC

REMARKS: Bound 4° books, the text at the front, specimens in a box at the back.

In the first volume it is stated that Fascicles 1 and 2 of this set form Band 14, Fascicles 27 and 28, numbers 651–706, of Schaerer's Lichenotheca Helvetica, q.v. as Lichenes Helvetica Exsiccati.

Sydow 124 refers to another exsiccata of Hepp, Würzburgs Lichenflora, 245 species, 1824, and notes that it was issued in only a few copies. This was no doubt to illustrate Hepp's book, Lichen-flora von Würzburg, 105 p., 1824, which does include 245 numbered species (e.g., 85 *Parmelia symmicta*).

Hepp, Philipp (1797–1867).

SYSTEMATISCHE-SAMMLUNG DER VON DR. HEPP IN KANTON ZURICH SELBST AUFGEFUNDEN FLECHTEN, NEBST IHRER MIKROSKOPISCH UNTERSUCHTEN SPOREN, GEORDNET NACH SCHAERER'S ENUMERATIO CRITICA LICHEN. EUR. Fascicle I, Tabulae I–XVIII, numbers 1–250. Zürich, 1849–1852.

[Title in Ind. Herb. **2**(2)**:** 270, is Flechten des Cantons Zürich.]

L

DATES OF PUBLICATION: The starting and end dates are from Ind. Herb.; numbers are from Lynge.

Tabulae	Numbers	Date
1	1–5	1849
2	6–15	
3	16–22	
4	23–30	
5	31–39	
6	40–52	
7	53–67	
8	68–77	
9	78–93	
10	94–111	
11	112–128	
12	129–143	
13	144–161	
14	162–177	
15	178–195	
16	196–213	
17	214–231	
18	232–250	1852

INDEX: Lynge 274–278.

LABELS: Non vidi. See 1 *Usnea barbata* var *campestris* f *florida*.

Howe, Reginald Heber, Jr. (1875–1932).

LICHENES NOVAE ANGLIAE. Determined and prepared by R. Heber Howe, Jr. Thoreau Museum of Natural History. Decades I–VI, numbers 1–60. Concord, Massachusetts, 1911–1914.

L

Dates of Publication: From labels. NY accessioned 51 specimens in Jun 1914.

Decades	Numbers	Date
1–5	1–50	1911
6	51–60	1914

Index: Lynge 278–279; Decades 1–5 in Bot. Jahresb. **39:** 31–32, 1911.

Reference: Howe published papers on New England lichens in Bryologist from 1904–1914.

Labels: Printed, with title, number, name, authority, collecting data, some remarks on chemistry. 57 *Ramalina farinacea* (L.) Ach. FH, NY

Husnot, Pierre Tranquille (1840–1929).

LICHENS DE CANARIES. Numbers 1–37. 1924.

L

Date of Publication: Offered for sale ("with numbered labels") by Husnot in Rev. Bryol. **51** (1): 16, 1924. Clokie, Account of Herbaria at Oxford, p. 188, notes Husnot's Pl. Canarienses as of 1866, presumably the collecting date.

Labels: Non vidi.

Remarks: Husnot's announcement offers also sets from the Canaries and Madiera, collected by Gilbert Mandon, q.v.

Jatta, Antonio (1852–1912).

LICHENES ITALIAE MERIDIONALIS EXSICCATI. Fascicles I–V, numbers 1–114–? Turini, 1874–1875, 1880.

L

Dates of Publication and Index: Numbers and dates from Lynge 285–286. Lindau and Sydow give 5 fascicles, 1873–1889.

References: The exsiccata is not cited in Jatta's several monographs of Italian lichens.

Labels: Non vidi. See 1 *Opegrapha celtidicola* Jatt.

Johnson, William (1844–1919).

THE NORTH OF ENGLAND LICHEN-HERBARIUM, COMPRISING SPECIMENS COLLECTED MOSTLY IN CUMBERLAND, DURHAM, AND NORTHUMBERLAND BY THE REV. W JOHNSON. Fascicles I–XIII, numbers 1–520. Newcastle-upon-Tyne (Fascicles 1–2), Darlington (Fascicles 3–9), Manchester (Fascicles 10–11), 1894–1918.

L

DATES OF PUBLICATION: Fascicles dated, 40 numbers each.

Fascicles	Numbers	Date	
1–2	1–80	1894	
3–5	81–200	1895	
6	201–240	1896	
7	241–280	1897	
8	281–320	1898	
9	321–360	1900	
10	361–400	1906	
11	401–440	1910	Hedwigia Beibl. **51:** (86) Jun 1911
12	441–480	1914	
13	481–520	1918	

INDEX: Fascicles 1–11 in Lynge 287–294.

REFERENCE: Cited in Crombie, Monograph of Lichens Found in Britain, 1894.

LABELS: Printed, with number, name, authority and citation, locality. New taxa described in English. 155 *Pertusaria Wulfenii* var *rugosa*. BM

REMARKS: Bound books with title page and index. Herbarium 14, 1910, states that the first fascicle was published by the British Museum. There were only a few copies [Grevillea **21** (104): 114. 1893].

Joshua, William (1828–1898).

MICROSCOPICAL SLIDES OF BRITISH LICHENS. Numbers 1–48. Cirencester, 1879.

L

DATE OF PUBLICATION AND INDEX: Prospectus in Jour. Bot. Lond. **7:** 320, 1878 and Brébissonia **1:** 160, 30 Apr 1879. Listed by number in Grevillea **7** (44): 145–146, Jun 1879; reviewed **8** (45): 31–33, Sep 1879.

LABELS: Non vidi. See 1 *Gonionemus velutina* Nyl.

REMARKS: Said to be "for amateurs and students."
See Joshua and Holmes in PART II. ALGAE.

Koerber, Gustav (1817–1885).

LICHENES SELECTI GERMANICI. Fascicles I–XIV, numbers 1–420. Breslau, 1856–1873.

L

DATES OF PUBLICATION: From Lynge, but according to Sydow 124 and Bot. Zeit. **23:** 392, 1865, the series began in 1858. Thirty numbers per fascicle.

Fascicles	Numbers	Date	Flora
1–4	1–120	1856	**41:** 181–186. 1857
5–6	121–180	1857	
7–8	181–240	1861	**44:** 221–223. 1861
9–10	241–300	1864	**47:** 313–317. 1864
11–12	301–360	1868	**51:** 284. 1868
13–14	361–420	Apr 1873	**56:** 143–144. 1873

INDEX: Lynge 294–302. Most issues were listed in Flora.

LABELS: Printed except for the number; with title, number, name, authority and citation, collecting data. 242 *Cladonia botrytis* (Hag.) Kbr. FH, L, NY

REMARKS: Lynge says Fascicles 1–6 are 4°, Fascicles 7–14 are 8vo The cost was 16 francs per fascicle, according to Bull. Soc. Bot. Fr. **8:** 112, 1861.

Köfaragó-Gyelnik, Vilmos (1906–1944/45).

LICHENOTHECA. Fascicles I–X, numbers 1–200. Budapest, 1933–1937.

In Fascicle 1 the author's name is written V. Gyelnik.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date	
1	1–20	1 Mai 1933	Rev. Bryol. Lichénol **8:** 134. 1935
2	21–40	1 Mai 1935	
3	41–60	1 Jun 1935	Rev. Bryol. Lichénol. **10:** 118. 1937
4	61–80	1 Jul 1935	Accessioned BM Dec 1936
5	81–100	1 Mar 1937	
6	101–120	1 Aug 1937	
7	121–140	1 Sep 1937	
8	141–160	1 Oct 1937	
9	161–180	1 Nov 1937	
10	181–200	1 Dec 1937	

INDEX: Schedae issued with some revisions. Lynge Suppl. 233. Listed in reviews, above.

REFERENCES: Gyelnik, Bemerkungen über V Gyelnik lichenotheca. Rev. Bryol. Lichénol. **7:** 48–52. 1934.

LABELS: Printed, with title, number, name, authority, collecting data. New taxa described in Latin. 186 *Diploschistes bryophilus* var *praematricus* Gyelnik, var nov. FH, UPS

Köfaragó-Gyelnik, Vilmos (1906–1944/45).

LICHENOTHECA PARVA. Fascicles I–II, numbers 1–40. Budapest, 1937.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date
1	1–20	1 Mar 1937
2	21–40	1 Oct 1937

INDEX: Schedae and Lynge Suppl. 234.

LABELS: Printed, with title, number, name, authority, collecting data. New taxa described in Latin. 6 *Pseudocyphellaria nitida* var *subglauca* Räsänen, var nov. FH, UPS

REMARKS: Issued in packets.

Krawiec, Felicks Józef (1906–1939).

LICHENOTHECA POLONICA. Lichenes Posnanienses. Fascicles I–II, numbers 1–100. Poznań (Wydal Zakład Systematyki I Geografji Roślin Uniwersytetu Poznańskiego), 1930–1935.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date	
1	1–50	1930	Preface 3 Apr 1930
2	51–100	1935	

INDEX: Lynge Suppl. 234.

LABELS: Printed, with title, number, name, authority, collecting data in Polish and Latin. 1 *Pyrenula nitida* (Schrad.) Ach. FH, UPS

REMARKS: Distributed in packets.

The schedae to Fascicle 2 states that a third fascicle would be published. For continuation, see Tobolewsky, below, p. 168.

Kurokawa, Syo (1926–x).

LICHENES RARIORES ET CRITICI EXSICCATI. Fascicle I, numbers 1–50. Tokyo (National Science Museum), 1 Jun 1966.

L

DATE OF PUBLICATION AND INDEX: Schedae.

REFERENCES: Kurokawa. Monograph of the lichen genus *Anaptychia*. Nova Hedwigia **6** Beih. 1962; Note on "Lichenes rariores . " Misc. Bryol. Lichenol. **4:** 80–81. 1967.

LABELS: Printed, with number, name, authority and citation, collecting data. 1 *Anaptychia dendritica* var *dissecta* (Kurok.) Kurok. FH, UPS

Kuták, Václav.

FLECHTENSAMMLUNG AUS BOHMEN. [Lichenes Bohemiae] Fascicles I–XII, numbers 1–600. 1913–1924.

L

DATES OF PUBLICATION: From reviews.

Fascicle	Numbers	Date	
1–4	1–200	Jun 1913	Oesterr. Bot. Zeitschr. **63:** 272. Jun 1913; Fascicles 2–4, numbers 51–200, Hedwigia Beibl. **54:** (59). Sep 1913
5	201–250	Mai 1914	Oesterr. Bot. Zeitschr. **64:** 264. Mai 1914; Herbarium 36, 1914; Hedwigia Beibl. **55:** (151). Sep 1914
6	251–300	1915	Hedwigia Beibl. **57:** (75). 1916
7	301–350	1916	Hedwigia Beibl. **58:** (150). 1917

Fascicle	Numbers	Date	
8	351–400	1917	Herbarium, Sonder number, 1919; Hedwigia Beibl. **60:** (92). 1919
9	401–450	1919	Hedwigia Beibl. **61:** (113). 1920; Oesterr. Bot. Zeitschr. **68:** 196. Mai-Jul 1919
10	451–500		
11	501–550		
12	551–600	1924	Herbarium 67, 1924; Oesterr. Bot. Zeitschr. **73:** 236. 1924

INDEX: Lynge Suppl. 235 to number 478.

LABELS: Non vidi. See 432 *Lecidia aenea*.

REMARKS: The price was 15 marks per fascicle.

Larbalastier, Charles Du Bois (1838–1911).

LICHENES CAESARIENSES ET SARGIENSES EXSICCATI. Fascicles I–VI, numbers 1–280. Jersey (Perrot), 1867–1872.

L

DATES OF PUBLICATION: The total numbers and terminal dates are from Hist. Coll. BM. The fascicles have 50 numbers. Fascicle 2 is said to be already issued in Jour. Bot. Lond. **6:** 256, 1868, but Lynge, Sydow, and Herbarium 32, 1913, cite it as 1869.

INDEX: Lynge 314–316 has the first two fascicles.

LABEL: Non vidi. See 50 *Verrucaria Whichcottii* Larbal. There are said to be some specimens at NY, but I have not located them.

REMARKS: Caesaria is the channel island of Jersey; Guernsey, according to Stearn in Botanical Latin, is properly Sarnia, not Sargia, as here.

Herbarium 32, 1913, gives the authors of this set as Flotow, Harmand and Larbalastier.

Larbalastier, Charles Du Bois (1838–1911).

LICHENES EXSICCATI CIRCA CANTABRIGIAM COLLECTI A C. DU BOIS LARBALASTIER, M. A. Numbers 1–35. Cantabrigiae, 1896.

L

DATE OF PUBLICATION: On title page.

INDEX: Issued with the set. Lynge 314.

LABELS: Printed, with number, name, authority, habitat and place of collection. 1 *Cladonia alcicornis* Flk. BM

REMARKS: Issued as an 18 × 26 cm portfolio.

Larbalastier, Charles Du Bois (1838–1911).

LICHEN-HERBARIUM. Fascicles I–IX, numbers 1–360. London (West, Newman) and (Fascicles 6, 7, and 9) St. Aubin's, Jersey (LeFeuvre), 1879–1881.

L

DATES OF PUBLICATION: From indexes.

Fascicles	Numbers	Date
1–5	1–200	1879
6–7	201–280	1880
8–9	281–360	1881

INDEX: Lists issued with the specimens. Lynge 316–322.

LABELS: Printed, with number, name, authority, citations, habitat and place of collection. 286 *Ramalina fraxinea* var *amplicata* Ach. BM, PC

REMARKS: Leighton in the preface to his Lichen-Flora of Great Britain says that Larbalastier was about to issue, as well as this set, a more expensive set, Lichenes rarissima. I have not seen it, nor his Lichens of Ireland (Grevillea **7**(44): 146. Jun 1879) nor his Lichenes AEgyptiaci, 22 specimens (Hist. Coll. BM).

Leighton, William Allport (1805–1889).

LICHENES BRITANNICI EXSICCATI BY THE REV. W. A. LEIGHTON. Fascicles I–XIII, numbers 1–410. London (Pamplin), and (Fascicles 3–4) Shrewsbury, 1851–1867.

L

DATES OF PUBLICATION: From title pages and Lynge.

Fascicle	Numbers	Date
1	1–35	1851
2	36–71	1852
3	72–106	1852
4	107–140	1853
5	141–170	1854
6	171–200	1854
7	201–230	1856
8	231–260	1856
9	261–290	1858
10	291–320	1858
11	321–350	1858
12	351–380	1866
13	381–410	1867

INDEX: Lynge 323–332.

REFERENCES: Arnold reviewed this set in detail and recommended changes of nomenclature in a series of articles in Flora in 1861 and 1863.

Leighton, Lichen-Flora of Great Britain, Ireland and the Channel Islands, 502 p., 1871 (later editions 1872 and 1879), cites this set.

LABELS: Printed, with number, name, authority, synonyms, locality. In early fascicles there are references to "Leight. Brit. Graph. ined.", which was published in 1854. New taxa not described. 18 *Graphis scripta* var *flexuosa* Leight. BM, FH, G, NY, STR

REMARKS: Issued in portfolios.

Lojka, Hugo (1844–1887).

LICHENOTHECA REGNI HUNGARICI EXSICCATI. Fascicles I–IV, numbers 1–200. Budapest, 1882–1884.

L

DATES OF PUBLICATION: From labels and Verseghy in Repert. Sp. Nov. **68:** 107-129. 1963.

Fascicle	Numbers	Date	
1–2	1–100	1882	But 1881 in Lojka's obituary in Ann. Bot. Lond. **1:** 408. 1887/1888 and in Hedwigia **20:** 183–184. Dec 1881
3	101–150	1882	
4	151–178	1882	
	179–200	1884	

INDEX: Lynge 340–343. FH has an index in what appears to be Lojka's handwriting.

REFERENCE: Lojka. Beiträge zur Flechtenflora Ungarns. Bot. Centralbl. **30:** 229–230. 1887.

LABELS: Printed, with title, fascicle number and date, number, name, authority, habitat and collecting data in Latin. 95 *Opegrapha lyncea* f *saxicola* Nyl. FH, NY, PC

REMARKS: Hist. Coll. BM states that this set had about 450 numbers, a total probably based on specimens at BM and FH with labels in facsimile autograph titled "H. Lojka Lich. Hung. exs. (ined.)" (e.g., 275 ad int. *Arthronia incarnata* Fr. fil.), and others in similar format but without title.

A set by Lojka, Lichens Alpins de Transylvanie, numbers 1–50, det. Krempelhuber, was offered for sale by Roumeguère in Rev. Mycol. **4:** 201–202, 1882. I have not seen it.

Lojka, Hugo (1844–1887).

LICHENOTHECA UNIVERSALIS. Fascicles I–V, numbers 1–248 (?250). Budapest, 1885–1886.

L

DATES OF PUBLICATION: From title pages and labels.

Fascicles	Numbers	Date
1–2	1–100	1885
3–5	101–248	1886

INDEX: Lynge 344–348 has names of 1–248, but says there may be two more, FH has 248 specimens.

REFERENCE: Reviewed by H. Willy in Bull. Torrey Club **14:** 247–249, 1887.

LABELS: Printed, except for the number, with title, fascicle number and date, number, name, authority and citation, collecting data. 13 *Umbilicaria Caucasica* Lojka, sp nov, not described. FH, G, NY

REMARKS: According to Willy, there were only 25 to 30 sets issued.

Macoun, John (1832–1920).

(1) CANADIAN LICHENS. Collected by John Macoun. Determined (in part) by Mr. J. K. Merill. Numbers 1–200 (+). 1910?
1 *Ramalina reticulata* (Noehd.) Krempelh. 259 *Cladonia reticulosa* Merrill. FH, NY

(2) CANADIAN LICHENS. Prepared by J. Macoun.
106 *Ramalina calicaris* var *canaliculata* Fr. BM, FH, NY

L

DATES OF PUBLICATION: Macoun distributed specimens of Canadian plants at intervals from 1887. The first set above has labels similar to his Canadian Mosses of 1908, and is probably the 200 specimens acquired by NY in late 1910. FH has the 200 numbers and then 10 scattered numbers of which the highest is 259, and the last collection date Aug 1910. The second set is probably earlier; the last collecting date I have seen is 1887.

REFERENCE: For a discussion of Macoun's collections see under his Canadian Musci, in PART IV. BRYOPHYTA.

LABELS: Printed, with title, number, name, authority, collecting data.

REMARKS: Culberson 49 says of Canadian Lichens, "This series is not properly an exsiccat because some of the numbers are made up of more than one collection."

Magnusson, Adolf Hugo (1885–1964).

LICHENES SELECTI SCANDINAVICI EXSICCATI. Fascicles I–XVII, numbers 1–425. Göteborg, 1927–1952.

L

DATES OF PUBLICATION: From schedae.

Fascicles	Numbers	Date	
1	1–25	Nov 1927	
2–3	26–75	Feb 1929	
4–5	76–125	Jan 1931	
6–7	126–175	Jan 1933	Accessioned FH 15 Feb 1933
8–9	176–225	Jan 1935	Accessioned FH 1 Feb 1935
10–11	226–275	Apr 1937	Accessioned FH 6 Mai 1937
12–13	276–325	Feb 1939	Accessioned FH 13 Feb 1939
14–15	326–375	Feb 1950	
16–17	376–425	Jan 1952	

INDEX: Schedae accompanied the fascicles. Lynge Suppl. 235.

Listed in Rev. Bryol. Lichénol. as follows: (Fascicles 4–5) **5:** 163–164, 1932; (Fascicles 6–7) **6:** 224, 1932; (Fascicles 8–9) **10:** 118–119, 1937; (Fascicles 14–15) **19:** 259, 1950; (Fascicles 16–17) **21:** 288, 1952.

LABELS: Printed, with title, number, name, authority and citation, synonymy, collecting data. 420 *Lecanora chlorophaeoides* Nyl. BM, FH

Malbranche, Alexander-François (1818–1888).

LICHENS DE LA NORMANDIE, PREPARES ET CLASSES D'APRES LA METHODE DU DR. NYLANDER. Fascicles I–VIII, numbers 1–400. Rouen (Boissel), 1863–1876.

L

DATES OF PUBLICATION: The printed dates on the title pages of fascicles are given below in parentheses. The actual date of issue, and the source of this date, follow.

Fascicle	Numbers	Title page	Date of Issue
1	1–50	(1863)	1863, Bull. Soc. Bot. Fr. **9:** 357. Dec 1863
2	51–100	(1863)	1864, Lynge
3	101–150	(1863)	1865, Lynge
4	151–200	(1863)	1865, Lynge
5	201–250	(1869)	1869, Lynge
6	251–300	(1869)	1873, written in at PC; 1872 in Herbarium 31, 1913
7	301–350	(1869)	1873, written in at PC
8	351–400	(1869)	1876, written in at PC

INDEX: Lynge 349–356.

REFERENCES: Nylander corrected many names in Bull. Soc. Bot. Fr. **13:** 240–241, 1866.

Malbranche, Lichens de la Normandie. Part 1, 40 p., 1867 (extracted Trav. Soc. Amis Sci. Nat. Rouen). Bibl. France 8976, 1867; Catalogue descriptif des Lichens de la Normandie, 283 p. and supplement, 1870–1871.

LABELS: Printed, with number, name, authority, synonyms, habitat. 110 *Cladonia rangifera* var *excelsa* Nob., described in Latin. FH, PC

REMARKS: Issued in portfolios. The announcement in Bull. Soc. Bot. Fr. said that only a few sets were prepared, to be sold at 6 francs per fascicle.

Malme, Gustav Oskar Andersson (1864–1937).

LICHENES SUECICI EXSICCATI QUOS EDITIT G. O. A. MALME. Fascicles I–XXV, numbers 1–625. Stockholm (Hedlund), 1897–1916.

L

DATES OF PUBLICATION: On the fascicles.

Fascicles	Numbers	Date	
1–2	1–50	Oct 1897	Bot. Centralbl. **73:** 142–143. 1898; Hedwigia Beibl. **37:** (29). 1898
3–4	51–100	Oct 1908	Dec 1908 in Bot. Jahresb. **36:** 24. 1908.
5	101–125	Mai 1909	Bot. Jahresb. **37:** 29. 1909; accessioned NY 1909
6	126–150	Dec 1909	Bot. Jahresb. **37:** 29. 1909; accessioned NY 1910

Fascicle	Numbers	Date	
7	151–175	Mar 1910	Bot. Jahresb. **38:** 25. 1910; accessioned NY 1910
8	176–200	Nov 1910	Bot. Jahresb. **38:** 25. 1919; accessioned NY 1911
9	201–225	Mai 1911	Herbarium 22, 1911; accessioned NY 1911
10	226–250	Mar 1912	Herbarium 26, 1912; accessioned NY 1912
11–12	251–300	Nov 1912	Herbarium 29, 1913; accessioned NY 1913
13	301–325	Feb 1913	Herbarium 30, 1913
14–15	326–375	Oct 1913	
16–17	376–425	Apr 1914	
18	426–450	Oct 1914	
19–20	451–500	Mar 1915	
21–22	501–550	Oct 1915	Fascicles 9–22, Hedwigia Beibl. **59:** (62). 1921
23	551–575	Apr 1916	
24–25	576–625	Nov 1916	Fascicles 23–25, Hedwigia Beibl. **62:** (146). 1921

INDEX: A list was issued with the fascicles and published in Svensk Bot. Tidskrift. Various issues were listed in reviews above.

Lynge 356–368 and Suppl. 235.

LABELS: Printed, with title, number, name, authority and citations, collecting data. 58 *Ramalina populina* (Ehrh.) Wainio. FH, NY, PC

REMARKS: In 20 × 30 cm portfolios. Most of the fascicles list botanists who assisted, especially those who collected the specimens.

Malme, Gustav Oskar Andersson (1864–1937), and Rolf Santesson (1916–x).

LICHENES AUSTROAMERICANI EX HERBARIO REGNELLIANO. Fascicles I–XIII, numbers 1–325 by Malme; Fascicles XIV–XIX, numbers 326–475 by Santesson. Stockholm, 1924–1954.

L

DATES OF PUBLICATION: On fascicles.

Fascicles	Numbers	Date	
1–3	1–75	Dec 1924	(Fascicle 1) Hedwigia Beibl. **65:** (55). 1926
4–5	76–125	Dec 1925	
6	126–150	Nov 1927	
7	151–175	Dec 1928	Hedwigia Beibl. **69:** (158). 1930
8	176–200	Mai 1932	
9	201–225	Jan 1934	Accessioned FH 2 Mar 1934
10	226–250	Apr 1935	Accessioned FH 2 Apr 1935
11	251–275	Mai 1935	Accessioned FH 6 Jun 1935
12	276–300	Nov 1935	Accessioned FH 7 Nov 1935

Fascicles	Numbers	Date	
13	301–325	Mar 1936	Accessioned FH 30 Mar 1936
14	326–350	Nov 1938	
15	351–375	Jun 1942	
16	376–400	Mar 1943	
17	401–425	Oct 1944	
18	426–450	Oct 1945	
19	451–475	Jan 1954	

INDEX: A list accompanied the fascicles. Lynge Suppl. 235.

REFERENCE: Malme described lichens from Swedish expeditions to Brazil in K. Svenska Vet.-Akad. Handl. in 1897, 1902, and in K. Svenska Vet.-Akad. Arkiv för Bot. in 1924.

LABELS: Printed, with title, number, name, authority, references, collecting data. 158 *Pyrenula emersa,* sp nov, not described. FH, L, UPS

REMARKS: Issued in portfolios 18 × 22 cm.

Mandon, Gilbert (1799–1866).

LICHENS DE MADERE. Numbers 1–98.

L

DATE OF PUBLICATION AND INDEX: FH records numbers 1–98 in Herb. Tuckerman, but Lynge 368–369 lists numbers 1–77 and number 98.

Mandon collected in Madiera in 1862. His plants were distributed at various times; BM accessioned 485 in 1873 and 54 algae in 1883. Husnot was offering sets of Mandon cryptogams as late as 1924, some of which were apparently remainders of earlier distributions and some newly prepared by Husnot. Among those offered (Rev. Bryol. **51:** 16. 1924) were 24 numbers of Lichens de Madère. Since more numbers are known, it would appear that this offering was part of an earlier issue, perhaps also by Husnot.

LABELS: Handwritten, with title, number, name and authority only. 19 *Sticta aurata* Ach. FH

REMARKS: See Mandon's Algae Maderenses in PART II. ALGAE and Mousses de Madère in PART IV. BRYOPHYTA.

Massalongo, Abramo Bartolommeo (1824–1860).

LICHENES ITALICI EXSICCATI, AUCTORE DOCT. ABR. B. PROF. MASSALONGO, E QUADRAGINTA VIRIS SOCIETATIS SCIENTARUM ITALIAE. Fascicles I–X, numbers 1–360. Veronae (Antonelli), 1855–1856.

(For another edition see below)

L

DATES OF PUBLICATION: From Lynge and fascicles.

Fascicle	Numbers	Date
1	1–30	Mai, Jun, 1855; ed. Jan 1856. Mai in Bot. Zeit. **13:** 231. 30 Mar 1855
2	31–64	Jul, Aug 1855; ed. Jan 1856
3	65–104	Sep, Oct 1855; ed. Feb 1856

Fascicles	Numbers	Date
4	105–137	Nov, Dec 1855; ed. Mar 1856
5	138–172	Jan, Feb 1856; ed. Mar 1856
6	173–212	Mar, Apr 1856; ed. Mar 1856
7	213–251	Mai, Jun 1856; ed. Mai 1856
8	252–285	Jul, Aug 1856; ed. 1856
9	286–323	Sep, Oct 1856; ed. Jun 1856
10	324–360	Nov, Dec 1856; ed. Jun 1856

INDEX: Massalongo, Schedulae criticae in Lichenes exsiccatos Italiae, 188 p., 1855–1856. Fascicle I dated Mai 1855; preface Feb 1855.

Micheletti, L. Index schedularum criticarum in Lichenes exsiccatos Italicae (Auctore A. B. Massalongo). Nuovo Giorn. Bot. Ital. **21:** 245–257. 1889.

Lynge 369–376.

LABELS: Printed, with number, name, and reference to one of Massalongo's works. New taxa described in Latin in the schedae (28 *Mallotium Hildebrandii* Mass.) but not on the labels (196 *Cladonia furcata* var *stenorosia* Mass.). FH, G, NY, PC, STR

REMARKS: Issued in portfolio with specimens on 12 × 12 cm sheets.

At BM there is a set with the title: Lichenes exsiccati Italiae Auctore A. Massalongo, ex ejusdem Herbario iterum distributi cura Prof. M. Anzi. The numbers and names are the same as the original set, but the labels have a printed title only, the rest of the data are handwritten.

Anzi also issued specimens from Massalongo's herbarium under his own name. See his Lichenes rariores Veneti, above, p. 112.

Mereschkovsky, Constantin de (1854–1921).

LICHENES ROSSIAE EXSICCATI A PROF. D-RE C. MERESCHKOVSKY EDITI. Fascicles I–III, numbers 1–75. Kazan, 1913.

L

DATE OF PUBLICATION: The three fascicles of 25 numbers each were published together in 1913, according to title pages and the review in Oesterr. Bot. Zeitschr. **63:** 399, Jul 1913. Accessioned FH Jan 1914.

INDEX: Lynge 376–378.

REFERENCE: In the same review are noted the first 5 numbers of Mereschkovsky's Tabula generum lichenum.

LABELS: Printed, with title, number, name, authority and citations, collecting data in Latin. 7 *Parmelia taurica* Mer., sp nov, described in Latin. FH

REMARKS: In 20 × 28 cm. portfolios; the price was 10 rubles or 5 dollars per fascicle.

On the index the author said that Fascicles 4 and 5 were in preparation, but I have not found them.

Mereschkovsky, Constantin de (1854–1921).

LICHENES TICINENSES EXSICCATI, RARIORES VEL NOVI, PRO PARTE EX ALIIS PAGIS PROVENIENTES, EDITI A PROF. DRE C. MERESCHKOVSKY. Fascicles I–IV, numbers 1–102 and Supplement numbers 1–7. 1919.

L

DATE OF PUBLICATION: From schedae. All fascicles have 25 numbers except the fourth, which has 27. The Supplement consists of further examples of some specimens already issued.

INDEX: Schedae, with remarks, included, and published in Annuaire du Conservatoire et Jard. Bot. Genève **21:** 145–216, 1919. Lynge Suppl. 236.

LABELS: In Fascicle 1 there is a handwritten ticket on the specimens with number, name, authority and date. It was intended that the owner should prepare complete labels from the schedae. From Fascicle 2 the printed material is attached to the specimens. 2 *Lecanora allophana* f *albinea* Mer. f nov, described in Latin in the schedae. FH, NY

REMARKS: In 20×22 cm portfolios. The institutions receiving the set are listed in the schedae.

Merrill, George Knox (1864–1927).

LICHENES EXSICCATI. Fascicles I–XI, numbers 1–275. Rockland, Maine, 1909–1913. Series II: Fascicles I–VI, numbers 1–150. 1925–1927.

L

DATES OF PUBLICATION: From announcements and accessions.

Fascicle	Numbers	Date	Announced	Accessioned BM
1	1–25	1909	Jul 1909 in Bryologist **12** (4): cover. 1909; Bot. Jahresb. **37:** 29–30. 1909	18 Oct 1909
2	26–50	1909	Sep 1909 in Bryologist **12** (5): cover. 1909	18 Oct 1909
3	51–75	1910	Fascicles 3–4 in Bot.	5 Mar 1910
4	76–100	1910	Jahresb. **38:** 26–27. 1910	7 Jul 1910
5	101–125	1910		18 Oct 1910
6	126–150	1911	Fascicles 5–6 in Hedwigia Beibl. **51:** (86). 1911	14 Feb 1911
7	151–175	1911	Hedwigia Beibl. **52:** (153). 1912	13 Jul 1911
8	176–200	1911	Hedwigia Beibl. **53:** (95). 1913	11 Dec 1911
9–10	201–250	1912	Herbarium 29, 1913	22 Oct 1912
11	251–275	1913		(Accessioned FH 1 Mar 1913)

Series II

Fascicle	Numbers	Date	Announced
1	1–25	1925	Mai 1925 on cover at FH; Hedwigia Beibl. **67:** (118). 1925
2	26–50	1925	Late 1925 in Jour. N. Y. Bot. Garden **27:** 23. Jan 1926
3	51–75	1926	Bryologist **29:** cover. Sep 1926 ("further issues twice yearly")
4	76–100	1926	On index at UPS
5	101–125	1927?	
6	126–150	1927	Jun 1927 in Bryologist **31:** 65–71. 1928

INDEX: There were printed indexes of centuries. Lynge 378–383, Suppl. 236.

REFERENCE: An obituary of Merrill, with bibliography, in Bryologist **31:** 65–71, 1928.

LABELS: Printed, with title, number, name, authority, collecting data. 206 *Biatora atrorubens* (Fr.) Merrill, comb nov. In Series 2, 1 *Parmelia aurulenta* Tuck. FH, L, NY

REMARKS: Issued in packets at $1.75 per fascicle.

Mudd, William (1830–1879).

LICHENUM BRITANNICORUM. Fascicles I–III, numbers 1–301. Great Ayton, 1861.

L

DATE OF PUBLICATION: Fascicles of 100 numbers each (Fascicle 3 has numbers 201–301) all dated 1861.

INDEX: In Mudd, Manual of British Lichens, 309 p., 1861.
Lynge 393–398.

REFERENCES: Nylander proposed changes of many names in a review in Flora **46:** 77–79, 1863. Mudd replied in Jour. Bot. Lond. **1:** 152–156, 1863.

In Mudd's obituary in Jour. Bot. Lond. **8:** 160, 1879, it is stated that specimens were issued to accompany his Manual.

LABELS: Printed, with number, name, authority, habitat and place of collection. 260 *Pertusaria lactescens* Mudd, without description. BM, FH, NY

REMARKS: Issued in 15 × 25 cm portfolios.

Mudd, William (1830–1879).

A MONOGRAPH OF THE BRITISH CLADONIAE, ILLUSTRATED WITH DRIED SPECIMENS OF EIGHTY SPECIES AND VARIETIES. By William Mudd, Curator of the Botanic Garden, Cambridge, Author of the Manual of British Lichens, etc. Numbers 1–80, 36 p. text. Cambridge (Penney), 1865.

L

DATE OF PUBLICATION: Text dated; accessioned BM 1865; announced in Jour. Bot. Lond. **3:** 90, 1865. Sydow, Fl. Deutschland xv, gives 1866.

INDEX: Lynge 391–393. According to Lynge, an index was separately published in Berlin.

LABELS: Printed, with number, name, authority, locality. The text has full synonymy and descriptions. 1 *Cladonia endiviaefolia* var *alcicornis*.
BM, FH

REMARKS: A bound book, 20×25 cm, with paper cover.

Müller "Argoviensis", Jean (1828–1896).

GRAPHIDEAE CUBENSES A CL. C. WRIGHT LECTAE ET CL. W. NYLANDER DETERMINAE. Distributed by J. Müller (Arg.). Ca 350 specimens. Geneva, 1884.

L

DATE OF PUBLICATION: From Bot. Gaz. **11:** 73–78, 1886. BM received 330 specimens from Müller on 24 Jul 1884; in a letter which apparently accompanied them, Müller said that this was the best set now at his disposal, and regretted that he was not asked earlier for one of the more numerous collections. Besides the difference in numbers of specimens available for different sets, many numbers have a, b, etc., forms, which in published citations may or may not be included in the total number. Lynge gives numbers 1–185, most of them with forms, then scattered numbers to 267b, and Herbarium 32, 1913 gives 267 "specimens."

Charles Wright (1811–1885) collected in Cuba in 1856–1858. After Tuckerman distributed Wright's Lichenes insulae Cubae, q.v., the remaining lichens were sent to Nylander, who described them and kept them for many years. They were then sent to Müller, who distributed them with some specimens still unnamed (Bot. Gaz., above).

INDEX: A printed list accompanied the specimens. Lynge 534–538.

REFERENCE: Nylander. Collectio lichenum ex insula Cubae. Flora **49:** 289–295. 1866.

LABELS: The specimens are on cards with a small handwritten title, "Graph. cub.," and the number. The accompanying list is a single folio sheet, printed, giving number, name, and usually authority. 1 *Stigmatidium elegans*.
FH, UPS

Müller, Walther Otto.

DIE CLADONIACEEN VON NORD-DEUTSCHLAND, HERAUSGEGEBEN VON W. O. MULLER. Numbers 1–50. Gera (Griesbach), 1869.

L

DATE OF PUBLICATION: Announced in Bull. Soc. Bot. Fr. **16:** 240, Dec 1869.

REFERENCE: J. B. Holzinger reviewed the set in Oesterr. Bot. Zeitschr. **22:** 405–406, 1872; he said there were 47 specimens, and listed them without numbers.

LABELS: Non vidi. Said to be printed, with the name only. See *Cladonia macilenta* Schär.

REMARKS: See Müller's Cryptogamen-Herbarium in PART I. GENERAL CRYPTOGAMS.

Nádvorník, Joseph (1906–x).

CALICEAE EXSICCATAE. Decades I–V, numbers 1–54. Prague, 1935–1951.

L

DATES OF PUBLICATION: Decades 3–5 are dated.

Decade	Numbers	Date	
1	1–10	1935	Decade 1–3, Rev. Bryol. Lichénol. **10:** 117. 1937
2	11–20	1936	Lynge
3	21–30	1936	Decades 1–3 accessioned BM 3 Mai 1937
4	31–40	1937	Accessioned BM 26 Apr 1938
5	41–50	1940	
	51–54	1951	

INDEX: Decades 1–4 in Lynge Suppl. 236. Decades 1–3 in Rev. Bryol. Lichénol.

REFERENCES: Nádvorník. Systematische Übersicht der Mitteleuropäischen Arten der Flechtenfamilie Caliciaceae. Preslia **1939/1940:** 113–129, and Stud. Bot. Čech. **5:** 6–40. 1942.

LABELS: Printed, with title, number, name, authority, collecting data. Labels of numbers 51–54 mimeographed. 22 *Calicium Cretzoiui* Nadv., not described. FH, UPS

REMARKS: Issued in packets.

Nádvorník, Joseph (1906–x).

LICHENES EXSICCATI. Numbers 1–30. Prague, 1954–1959.

L

DATES OF PUBLICATION: Numbers 1–10 dated on labels 1954; numbers 11–30, 1959.

LABELS: Mimeographed, with title, date, number, name and authority, collecting data. 1 *Biatorella moriformis* (Ach.) Th. Fr. UPS

REMARKS: Issued in packets.

Nádvorník, Joseph (1906–x).

PHYSCIACEAE EXSICCATI. Decades I–III, numbers 1–33. Prague, 1943–1959.

L

DATES OF PUBLICATION: From labels.

Decade	Numbers	Date
1	1–10	1943
2	11–20	1948
3	21–30	1951
	31–33	1959

LABELS: Mimeographed, with title, date, number, name and authority, collecting data. 1 *Physcia grisea* f *albida* Nadv., not described. FH, UPS

REMARKS: Issued in packets.

Norrlin, John Peter (1842–1917), and William Nylander (1822–1899).

HERBARIUM LICHENUM FENNIAE QUOD EDIDIT J. P. NORRLIN. Determinationes recognovit William Nylander. Fascicles I–IX, numbers 1–450. Helsingforsiae (Societatis litterariae Fennicae), 1875–1882.

NYLANDER AND NORRLIN, HERBARIUM LICHENUM FENNIAE CONTINUATIO. By K. Linkola (1888–1942) and Edvard Wainio (1858–1929). Numbers 451–807. 1921.

L

DATES OF PUBLICATION: From title pages; 50 numbers per fascicle. Continuatio dated on labels.

Fascicle	Numbers	Date	
1–4	1–200	1875	Grevillea **4**(29): 44. Sep 1875; Jour. Bot. Lond. **6:** 192. 1875; Bot. Jahresb. **3:** 84–87. 1875. There is a citation on number 15 to Flora, 1875, p. 8
5–9	201–450	1882	
Continuatio	451–807	1921	

INDEX: Accompanied the fascicles. Fascicles 1–4 in Bot. Jahresb., above. Lynge 399–406 and Lynge Suppl. 236.

LABELS: Printed, with number, name, authority, collecting data, some descriptive phrases. 424 *Cladonia gracilis gracillima* Norrl., subsp nov, not described. FH, G, PC

REMARKS: Issued in portfolios. The sets were intended only for public institutions.

Nylander, William (1822–1899).

HERBARIUM LICHENUM PARISIENSIUM, QUOD EDIDIT WILLIAM NYLANDER, MED. DR. Fascicles I–III, numbers 1–150. Parisiis (Thunot), 1855–1857.

L

DATES OF PUBLICATION: The three fascicles, of 50 numbers each, are all dated 1855 on the title pages. However, Bull. Soc. Bot. Fr. **2:** 343, Apr 1855 stated that two fascicles had been issued, the third was to appear the next winter, and a fourth was expected. The third fascicle was actually not reviewed until 1857. The only other reference I have seen to a fourth fascicle is in Sydow 125, where the set is listed in four fascicles, and dated 1855–1857.

INDEX: Lynge 407–409.

REFERENCES: Nylander, Les Lichens des environs de Paris, 142 p., 1896 (Bibl. France Oct 1896). Supplement, 1897 (Bibl. France Aug 1897).

Mougeot published detailed reviews in Bull. Soc. Bot. Fr. **2:** 683–687, 1855, and (Fascicle 3) **4:** 258–261, 1857.

LABELS: Printed, with title, number, name, authority (with or without citation), locality. 18 *Trachylia lecideina* Nyl. mscpt, without description. FH, G, PC

REMARKS: Issued in 8vo portfolios.

Only 20 sets were issued, at 15 francs per fascicle.

Nylander, William (1822–1899).

LICHENES MONT-DORIENSES. Fascicles I–III, numbers 1–111. Paris, 1856.

L

DATE OF PUBLICATION: The year 1856 is given by Lynge for numbers 1–70. Lynge states (from Bouly de Lesdain) that only those numbers had printed labels. The full number of 111 is given in Harmand, Lichens de France, p. xliii, but it may be that not many of the hand-labelled specimens were distributed.

INDEX: Lynge 410–411 for numbers 1–70.

LABELS: Non vidi. See 2 *Calcium eusporum* Nyl.

REMARKS: Said to be very rare numbers 1–70 at Duke, according to Culberson.

Nylander, William (1822–1899).

LICHENES PYRENAEORUM ORIENTALIUM. Numbers 1–78. Paris, Jul 1872.

(Sydow has the title, Lichenes Pyrenaici exsiccati.)

L

DATE OF PUBLICATION: From labels. Sydow 125.

INDEX: Lynge 411–412.

REFERENCES: Nylander, Observata Lichenologica Pyrenaeis orientalibus, 75 p., 1872. First printed in Bull. Soc. Linn. Normandie Ser. II, **6**. 1872 (1873) and Flora **55**, 1872; Nylander, Lichenes Pyrenaeorum orientalium observatis novis, 103 p., 1891.

LABELS: Title and date printed; number, name and locality handwritten. 19 *Lecanora angulosa* Ach. FH

Olivier, Henri (1849–1923).

HERBIER DES LICHENS DE L'ORNE ET DU CALVADOS, PUBLIE PAR L'ABBE H. OLIVIER. Fascicles I–IX, numbers 1–450. Bazoches au Houlme (Fascicles 1–2) and Autheuil, 1880–1884.

(Fascicle 6 with l'abbé de la Godinais.)

L

Dates of Publication: The first fascicle has a printed date; others, except Fascicle 8, have the date written on at PC.

Fascicle	Numbers	Date	Bot. Centralbl.
1	1–50	Jan 1880	**3:** 1022. 1880
2	51–100	Mai 1880	**3:** 1022. 1880
3	101–150	1881	**4:** 1599. 1880 (as of 1880)
4	151–200	1881	**7:** 25. 1881
5	201–250	1882	**11:** 107. 1882
6	251–300	1882	**12:** 317. 1882
7	301–350	1882	
8	351–400	no date	
9	401–450	1884	

Index: Fascicles 1–6 listed in Bot. Centralbl.; Fascicle 9 in Rev. Mycol. **7:** 65–66, Jan 1885.

Lynge 412–420.

References: Olivier, Flore analytique et dichotomique des Lichens de l'Orne, 312 p., 1882–1884. In Bibl. France the dates are: p. 1–126, 1882; p. 127–312, 23 Aug 1884.

Olivier, Exposé systématique et description des Lichens de l'ouest et du nord-ouest de la France, 2 volumes, 1897–1903. The dates in Bibl. France are: volume 1, 357 p., 3 Jul 1897; volume 2, p. 1–80 and 32 p. supplement, 21 Apr 1900; p. 81–171, 23 Mar 1907; p. 173–269, 26 Apr 1902; p. 271–426, 4 Jul 1903.

Labels: Printed, with the title, H. Olivier—Lichenes exsiccati. Number, name, authority. 154 *Usnea barbata* var *ceratina* f *sorediella* Nobis, not described. PC

Remarks: Issued in portfolios.

Pišút, Ivan.

LICHENES SLOVAKIAE EXSICCATI. Editi a Museo Nationali Slovaco. Fascicles I–IV, numbers 1–100. Bratislava, 1964–1966.

L

Dates of Publication: From schedae, announced in Bryologist.

Fascicle	Numbers	Date
1	1–25	1964
2	26–50	1964
3	51–75	1965
4	76–100	1966

Labels: Non vidi. From the schedae they appear to be mimeographed, with title, number, name, authority, occasional synonyms, collecting data in Latin. There are new combinations. See 1 *Massalongia carnosa* (Dicks.) Koerb.

Poelt, Josef (1924–x).

LICHENES ALPIUM ET REGIONUM CONFINIUM, HERAUSGEGEBEN VON J. POELT. Fascicles I–XII, numbers 1–240. München (Botanische Staatssammlung), 1959–1964.

(Fascicles 1–3 do not have Poelt's name as author; the title is Lichenes Alpium, ausgegeben von der Botanischen Staatssammlung München; Fascicles 9–12 are by Poelt and M. Steiner)

L

DATES OF PUBLICATION AND INDEX: Dated schedae issued with fascicles.

Fascicle	Numbers	Date	
1	1–20	Dec 1956	
2–3	21–60	Dec 1957	Bryologist **62:** 82. 1959
4–5	61–100	Jun 1959	
6–8	101–160	Sep 1961	
9–10	161–200	Mai 1963	Bryologist **67:** 239. 1964
11–12	201–240	Mai 1964	Bryologist **68:** 132. 1965

REFERENCES: Labels refer to Poelt's papers in Mitteil. Bot. Staatssamml. München **6:** 230–238, 1953; **8:** 323–332, 1953; **12:** 46–56, 1955.

LABELS: Printed, with title, number, name, authority, collecting data. 36 *Lecanora sarcopisoides* var *hymophaga* Poelt, not described. FH, L

Poetsch, Ignaz Sigismund (1823–1884).

CLADONIAE AUSTRIACAE. Fascicles I–II, numbers 1–325. Vienna, 1873.

L

Announced in Hedwigia **13:** 48, 1874, and Flora **32:** 63, 1874.

Rabenhorst, Gottlob Ludwig (1806–1881).

CLADONIAE EUROPAEAE. Die Cladonien Europa's in getrockneten Exemplaren. Unter Mitwirkung mehrer Freunde der Botanik, gesammelt und herausgegeben von Dr. L. Rabenhorst. Tabulae I–XXXIX, 260 numbers, 12 p. text. Dresden, 1860.

L

DATE OF PUBLICATION: From title page. Hinrichs **16:** 44. (first quarter) 1861.

INDEX: Lynge 422–427. The arrangement is confusing; the Tabulae have Roman numerals, as do species, the "formae" have Arabic numerals serially within the species. Thus species XXXV. *C. sylvatica*, has numbers 1–14, representing the type and six forms.

LABELS: Printed, with title, numbers, names, authority, locality, sometimes the collector. IV 4 *C. macilenta*+b. *vermicularis* Rabenh., not described. FH, L

REMARKS: It is doubtful whether this is actually serial numbering.

See the Supplement, following.

Rabenhorst, Gottlob Ludwig (1806–1881).

CLADONIAE EUROPAEAE EXSICCATI. Supplement I. Tabulae I–XI, 56 numbers. Dresden, 1863.

L

DATES OF PUBLICATION: From title page.

INDEX: Lynge 427–428; Hedwigia **2:** 151–152. 1863. This is a continuation of the foregoing set. The Tabulae have Roman numerals, the species are not numbered, the formae have Arabic numerals beginning (usually) where those of the previous set left off. Thus *C. macilenta,* which has numbers 1–9 in the first set, has numbers 10–11 in the Supplement. However, 14 *C sylvatica* f *alpestris* appears in both sets.

LABELS: As in the first set. The title here is merely Rabenhorst, Cladoniae europaeae. FH

Rabenhorst, Gottlob Ludwig (1806–1881).

LICHENES EUROPAEI EXSICCATI. Die Flechten Europa's unter Mitwirkung mehrer nahmhafter Botaniker, gesammelt und heausgegeben von Dr. L. Rabenhorst. Fascicles I–XXXVI, numbers 1–974. Dresden (Heinrich), 1855–1879.

L

DATES OF PUBLICATION: On the fascicles.

Fascicle	Numbers	Date
1	1–25	1855
2	26–55	1855
3	56–83	1856
4	84–112	1856
5	113–142	1856
6	143–172	1857
7	173–200	1857
8	201–228	1857
9	229–259	1857
10	260–310	1857
11	311–336	1857
12	337–364b	1858
13	364–389	1858
14	390–416	1858
15	417–442	1859
16	443–469	1859
17	470–496	1859
18	497–521	1860
19	522–547	1861
20	548–573	1861
21	574–598	1861
22	599–624	1861
23	625–650	1862
24	651–675	1862
25	676–700	1863

Fascicle	Numbers	Date
26	701–725	1864
27	726–750	1865
28	751–775	1866
29	776–800	1867
30	801–825	1868
31	826–850	1869
32	851–875	1870
33	876–900	1871
34	901–925	1871
35	926–950	1874
36	951–974	1879

INDEX: Lynge 430–449. From Fascicle 27 listed in reviews in Hedwigia; some fascicles listed in Bot. Zeit. and Bot. Jahresb.

LABELS: Printed, with number, name, authority, citations, habitat. 972 *Arthronia Oleandri* Rabh., described briefly in Latin. FH, NY, STR

REMARKS: Bound books, with a box at the back for specimens on rock.

Rabenhorst issued exsiccatae of Cryptogams, Algae and Bryophyta, as well as Lichens.

Räsänen, Veli (1888–1953).

LICHENES FENNIAE EXSICCATI, A MUSEO BOTANICO UNIVERSITATIS HELSINKIENSIS EDITA, CURAVIT V. RÄSÄNEN. Fascicles I–XX, numbers 1–1000. Helsinki, 1935–1946.

(In later fascicles the spelling is Helsingiensis.)

L

DATES OF PUBLICATION: From schedae.

Fascicles	Numbers	Date
1–3	1–150	1935
4–7	151–350	1936
8–11	351–550	1939
12–14	551–700	1940
15–17	701–850	1943
18–20	851–1000	1946

INDEX: The schedae were issued with the fascicles; the last has an alphabetical index, with corrections, to the whole set. Fascicles 1–7 in Lynge Suppl. 236.

LABELS: Printed, with date, number, name, authority, collecting data. 897 *Lecanora perleprosa* Räs., sp nov, described in Latin. NY, PC

REMARKS: Distributed in packets. In the schedae, 22 institutions are listed as receiving the set.

Räsänen, Veli (1888–1953), and Rainar Hakulinen (1918–x).

LICHENOTHECA FENNICA. A Museo Kuopoiënsi edita. Fascicles I XXXII, numbers 1–750, curavit V. Räsänen; Fascicles XXXIII–

LII, numbers 751–1300, cura R. Hakulinen. Kuopio, Finland, 1943–1960.

L

DATES OF PUBLICATION: From labels.

Fascicles	Numbers	Date	
1–3	1–75	1946	
4–6	76–150	1946	
7–9	151–225	1947	
10–12	226–300	1947	300 numbers accessioned NY 29 Nov 1946
13–15	301–375	1948	
16–18	376–450	1948	
19–21	451–525	1948	Fascicles 18–20 accessioned NY 25 Nov 1947
22–24	526–600	1949	
25–27	601–675	1949	
28–30	676–750	1952	
31–32	751–800	1953	
33–35	801–875	1955	
36–38	876–950	1956	
39–40	951–1000	1956	
41–43	1001–1075	1957	
44–47	1076–1175	1958	
48–50	1176–1250	1959	
51–52	1251–1300	1960	

INDEX: Schedae issued; the last has a systematic index to all numbers. Dates on the schedae are frequently later than those on corresponding labels.

A few issues were listed in Bryologist and Rev. Bryol Lichénol.

REFERENCE: Hakulinen, Lichen Flora of Finland [in Finnish], 235 p., 1963.

LABELS: Printed, with title, fascicle number and date, number, name, authority, collecting data, distribution. 305 *Parmelia centrifuga* f *alpestris* Räs. Lich. Fenn. Exs. 190. FH

REMARKS: Distributed in packets. The index lists 35 institutions receiving the set.

Rehm, Heinrich (1829–1916), and Ferdinand Arnold (1828–1901).

CLADONIAE EXSICCATAE. Fascicles I–III, numbers 1–150 by Rehm; Fascicles IV–XIII, numbers 151–440 by Arnold. Sugenheim (Fascicle 1), Windsheim (Fascicles III–XIII) and Regensburg, 1869–1895.

(Lindau and Sydow list Rehm as author of Fascicles 1–2; a note on the copy at FH gives Rehm as author of numbers 1–200; in reviews, Rehm is given as author of Fascicles 1–3)

L

DATES OF PUBLICATION: From reviews and Arnold's schedae.

Fascicle	Numbers	Date	
1	1–50	1869	Hedwigia **8:** 63–64. Apr 1869
2	51–100	1875	Hedwigia **14:** 79. Mai 1875; Bot. Jahresb. **3:** 100–101. 1875
3	101–150	1879	Hedwigia **18:** 80. Mai 1879 and **18:** 90. Jun 1879; Flora **62:** 272. 11 Jun 1879
4	151–241	1883	To number 200 in 1884, note on set at FH
5	242–279	1885	
6	280–315	1886	
7	316–337	1887	
8	338–360	1888	Rev. Gén. Bot. **1:** 397. 1889
9	361–375	1889	Rev. Gén. Bot. **2:** 404. 1890; Bot. Centralbl. **46:** 265. 1891
10	376–406	1890	Bot. Centralbl. **47:** 234–235. 1891
11	407–424	1892	Bot. Centralbl. **54:** 42–43. 1893
12	425–434	1893	Bot. Centralbl. **59:** 5. 1894
13	435–440	1895	Bot. Centralbl. **65:** 15. 1896

INDEX: Arnold, Dr. H. Rehm Cladoniae exsiccatae 1869–1895, 34 p., 1895. Issued as supplement to Band 4 of Berichte Baiernsche Bot. Ges. Revises nomenclature of the exsiccata.

Lynge 449–455. Some fascicles are listed in reviews.

In Ann. Mag. Nat. Hist. **4**(3): 420–423, 1869, Leighton reports the results of chemical tests on numbers 1–50.

LABELS: Early fascicles in facsimile autograph, with number, name, authority, collecting data. 120 *C. degenerans* f *euphorea* Ach. *glacialis* Rehm.

FH, L, NY

REMARKS: See other lichen sets by Arnold.

Reichenbach, Heinrich Gottlieb Ludwig (1793–1879), and Carl Schubert.

LICHENES EXSICCATI COLLECTI ATQUE DESCRIPTI AUCTORIBUS L. REICHENBACH ET C. SCHUBERT. Die Flechten in getrockneten Exemplaren, gesammelt und beschreiben von L. Reichenbach und C. Schubert. Fascicles I–VI, numbers 1–150. Dresden (Gärtner, later Ramming, later Meinhold), 1822–1826.

L

DATES OF PUBLICATION: From title pages.

Fascicle	Numbers	Date	
1	1–25	1822	Flora **5:** 367. 21 Jun 1822 ("soon"); Flora **6:** 112. 21 Feb 1823 ("published"); Bull. Férussac **1:** 49. 1824
2–3	26–75	1823	Flora **7:** 369–376. 28 Jun 1824

Fascicle	Numbers	Date	
4	76–100	1824	Flora **7** Beil. **1**: 96. 1824; Flora **9** Beil. **1**(2): 97–99. 1826
5	101–125	1824	
6	126–150	1826	

INDEX: Lynge 456–458. Some fascicles are listed and new taxa described in reviews in Flora.

LABELS: In Fascicle 1 the specimens have a printed slip with number, name and authority; the text which precedes the specimens has citations, locality and description of each number. In later fascicles, the full data are on the labels. 20 *Ramalina scopulorum* Ach. NY, PC

REMARKS: Bound books, 18 × 22 cm; most specimens on pages, some in a box at the back.

Reichenbach's Flora Germanica exsiccata consists of phanerogams, except for Century 3, which was issued by Breutel, q.v., in PART I. GENERAL CRYPTOGAMS.

RELIQUIAE TUCKERMANIANAE. Distributed by the Farlow Herbarium, Harvard University. Fascicles I–VI, numbers 1–150. Cambridge, Mass., 1937–1942.

Edward Tuckerman (1817–1886)

DATES OF PUBLICATION: On the index.

Fascicles	Numbers	Date
1–2	1–50	Mar 1937
3–4	51–100	Mar 1938
5–6	101–150	Jan 1942

INDEX: Issued with the specimens. Fascicles 1–4 in Lynge Suppl. 237.

REFERENCES: For his publications, see Tuckerman's Lichenes Americae septentrionalis, below, p. 169.

LABELS: Printed, with title, number, name, authority, some synonymy, collecting data. 1 *Acolium tigillare* S. Gray. FH, NY

REMARKS: Issued in 18 × 20 cm portfolios.

The preface states that the specimens are mostly those Tuckerman intended to use to continue his Lichenes Americae septentrionalis exsiccati. The names given on the labels are those of his monographs, followed by those of Zahlbruckner if they differ.

Roumeguère, Casimir (1828–1892).

GENERA LICHENUM EUROPAEORUM EXSICCATA. 100 lichens appartenant à 100 genres ou sous-genres distincts, préparés pour l'étude et distribués systematiquement. Numbers 1–100. Toulouse, 1895.

L

DATE OF PUBLICATION: From Lynge and Sydow 125.

INDEX: Lynge 469–470. Bot. Jahresb. **23:** 274–275, 1895, without numbers.

LABELS: Non vidi. 1 *Cladonia gracilis* var *cervicornis* (Fr.).

Roumeguère, Casimir (1828–1892).

LICHENES GALLICI EXSICCATI. Centuries I–VI, numbers 1–600–? Toulouse, 1879–?

(On numbers 1–127 there is a subtitle, Reliquiae Mougeotianae)

L

DATES OF PUBLICATION: From Lynge and reviews. At G there are further numbers in the 800s.

Century	Numbers	Date	
1	1–100	1879	Rev. Mycol. **2:** 31–32. Jan 1880; 1880 in Sydow 125
2	101–200	1880	Rev. Mycol. **2:** 197–198. Oct 1881
3	201–300	1881	Rev. Mycol. **3:** 32–33. Jan 1881; Bot. Jahresb. **8:** 593. 1880; Bot. Centralbl. **7:** 249. Aug 1881
4	301–400	1882	Rev. Mycol. **4:** 105–106. Apr 1882; Bot. Centralbl. **11:** 215–216. Aug 1882
5	401–500	1883	Rev. Mycol. **5:** 186–187. Apr 1883; Bot. Jahresb. **11:** 391. 1883
6	501–600	?	

INDEX: Lynge 458–468. Listed in Rev. Mycol. and Bot. Centralbl.

LABELS: Facsimile autograph, except for numbers 128–270 which are printed. Title, number, name, authority and citations, locality. 118 *Physcia candelaris* var *lychnea*, without author or description. The higher numbers at G have a stamped title and handwritten data. BM, G, NY

REMARKS: The set at BM is in 8 portfolios of 80 or 60 numbers each. See several sets by Roumeguère in PART I. GENERAL CRYPTOGAMS, PART II. ALGAE, and PART IV. BRYOPHYTA.

Salwey, Thomas (1791–1878).

LICHENES BRITANNICI, COLLECTED AND ARRANGED BY THE REV. THOMAS SALWEY. Volumes I–IV, 397 numbers. Oswestry.

L

DATES OF PUBLICATION: Not known. Each of the first three volumes has numbers 1–100; volume 4 has numbers 1–97.

INDEX: BM has a handwritten list.

REFERENCES: Salwey published a list of lichens of Oswestry and Ludlow in Trans. Edinb. Bot. Soc. **2:** 203–213, 1846.

The exsiccata is mentioned in the obituary notice in Jour. Bot. Lond. **7:** 63, 1878.

LABELS: Non vidi. See *Lecanora milvina* in volume 3.

REMARKS: Apparently bound books.

Salwey was the author of a book on the botany of Harlech in 1863 and of a list of plants included in the 4th edition of Kynoch's Wild Flowers of Barmouth in 1910; he also published The Duty of a Christian Magistrate in 1836 and Gospel Hymns in 1845.

Salwey, Thomas (1791–1878).

LICHENES CENTUM EX HERBARIO T. SALWEY. Centuries I–IV, numbers 1–402. 1860–1862?

L

DATE OF PUBLICATION: The tentative dates are in Hist. Coll. BM. The numbers are from the schedae file at BM; Century 4 has numbers 301–402.

INDEX: Lynge 471–475 lists numbers 1–300.

REFERENCES: The labels cite English Flora or Flora Hibernica for authority of names.

LABELS: Non vidi. See 1 *Baeomyces rufus* Engl. Fl.

REMARKS: Not mentioned in the obituary notice in Jour. Bot. Lond. **7:** 63, 1878, unless his two sets have been confused.

Sampaio, Gonçalo Antonio da Silva Ferreira.

LICHENES DE PORTUGAL. Fascicles I–III, numbers 1–300. 1923.

L

DATE OF PUBLICATION: Fascicles, of 100 numbers each, all dated Mar 1923.

LABELS: Printed, with title, number, name, authority, collecting data. 1 *Enterographa Hutchinsiae* Koerb. FH

REMARKS: Issued in portfolio, 20 × 28 cm. A letter with the set at FH lists the purchasers of 10 sets; 15 sets were prepared.

Sandstede, Heinrich (1859–1951).

CLADONIAE EXSICCATAE. Fascicles I–XIII, numbers 1–1886. Zwischenahn, 1918–1929.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date	
1	1–123	20 Mar 1918	
2	124–248	15 Aug 1918	
3	249–400	20 Mar 1919	Fascicles 1–3, Hedwigia Beibl. **61:** (113). 1920
4	401–500	1 Jul 1919	
5–6	501–734	Nov 1920	
7	735–885	Mar 1922	
8	886–1086	28 Feb 1923	
9	1087–1207	22 Mai 1924	Hedwigia Beibl. **65:** (194). 1925

Fascicle	Numbers	Date	
10	1208–1448	24 Jun 1925	Hedwigia Beibl. **66:** (118). 1926
11	1449–1580	18 Jun 1926	
12	1581–1743	1 Jul 1927	
13	1744–1886	20 Mar 1929	

INDEX: Issued with the fascicles; a 71-page revised edition of all the schedae was published in 1930 and 1932. Lynge 475–476 and Suppl. 236.

REFERENCES: Sandstede was the author of *Cladonia* in Rabenhorst's Kryptogamen-Flora, ed. 2, 1931.

A bibliography of the author was published in the obituary in Willdenowia **1** (2) : 191–197, 1954.

LABELS: Printed, with title, number, name, authority and citations, collecting data. 693 *Cl. pyx.* var *poc.* f *pachyphylla.* FH, G, NY, PC

REMARKS: Distributed in packets. The obituary states that 51 copies of this set were given to institutions and individuals.

Sättler, Hans.

LICHENES BRASILIENSES EXSICCATI. 1924.

Herbarium 68, 1924, said that the first century of this set would be published in that year. A mimeographed announcement at G, dated 1924, stated that Sättler had gone to Brazil to reside permanently and would issue exsiccatae.

Savicz, Vsevolod Pavlovich (1885-x).

LICHENOTHECA ROSSICA, REGIONIBUS CONFINIBUS COMPLETA, EDIDIT HORTUS BOTANICUS PRINCIPALIS URSS. Decades I–XVII, numbers 1–170. Leningrad, 1925–1967.

(Later issues . . Edidit Institutum Botanicum nomine V. L. Komarovii Academiae Scientarum)

L

DATES OF PUBLICATION: From schedae.

Decade	Numbers	Date
1	1–10	1925
2	11–20	1926
3	21–30	1930
4	31–40	1935
5	41–50	1945
6	51–60	1953
7	61–70	1954
8	71–80	1956
9	81–90	1959
10	91–100	1960
11	101–110	1961
12	111–120	
13	121–130	1963

Decade	Numbers	Date
14	131–140	1964
15	141–150	1965
16	151–160	1966
17	161–170	1967

INDEX: Schedae issued; published in Notulae System. e Sect. Crypt. Inst. Bot. Acad. Sci. URSS.

Lynge Suppl., Decades 1–4, 237.

LABELS: Printed, with title, fascicle number, number, authority, synonymy and citations, collecting data. 6 *Cornicularia steppae* Savicz, sp nov, described in Latin. FH

REMARKS: Issued in packets.

Schade, Alwin (b. 1881), Stolle, and Ernst Riehmer (b. 1874).

LICHENES SAXONICI EXSICCATI. Decades I–LV, numbers 1–550. Leipzig (Weigel), 1923–1935–?

L

DATES OF PUBLICATION: From Lynge; most dates confirmed by announcements in Herbarium and Hedwigia, except that some issues of Herbarium have Fascicle 1 in 1923. Lynge says the 55th decade was distributed to only a few friends.

Decades	Numbers	Lynge	Accessioned FH
1–2	1–20	Jan 1924	
3–6	21–60	Dec 1924	
7–10	61–100	Mai 1925	
			Decades 1–13, 1 Mar 1925
11–15	101–150	Dec 1925	
			Decades 14–19, 8 Sep 1925
16–25	151–250	Mai 1926	Decades 20–25, 20 Jan 1926
26–30	251–300	Jan 1927	11 Feb 1927
31–40	301–400	Dec 1927	20 Jan 1928
41–46	401–460	Mar 1929	Mar 1929
47–48	461–480	Mar 1930	Mai 1930
49–50	481–500	Jan 1932	23 Feb 1933
51–54	501–540	Jan 1935	5 Feb 1935
55	541–550		

INDEX: Lynge Suppl. 236.

LABELS: Printed, with title, number, name and authority, collecting data. 1 *Baeomyces roseus* Pers., 540 *Physcia caesia* (Hoffm.) Nyl. FH

REMARKS: Issued in packets at 4 marks per decade.

See Schade and Stolle, Hepaticae saxonicae, in PART IV. BRYOPHYTA.

Schaerer, Ludwig Emanuel (1785–1853).

LICHENES HELVETICI EXSICCATI. Edidit Ludov. Eman. Schaerer, Ecclesiae Laupersvillensis Pastor. . . . Fascicles I–XXVI, numbers

1–650. Bernae, 1823–1852. Editio altera immutata. Fascicles I–X, numbers 1–250. Bernae, 1842–1852.

L

DATES OF PUBLICATION: Issued in dated double fascicles of approximately 25 numbers each. From Fascicle 4, they are announced simultaneously with the sections of a manual, Lichenum Helveticorum Spicillegium, to which the labels on the exsiccata refer. The table below shows the correlation of the title pages and announcement dates of the exsiccata and the book.

Fascicles	Numbers	Date	Book	Announcement
1–2	1–50	1823		
3–4	51–100	1823	**1:** 1–52. 1823	AVB **1824** 1: 187
			2: 53–100. 1826	AVB **1826** 1: 178
5–6	101–152	1826		AVB **1827** 1: 167
7–8	153–200	1828	**3:** 102–156. 1828	AVB **1828** 1: 135, **2:** 418
9–10	201–250	1833	**4–5:** 157–261. 1833	
11–12	251–300	1836	**6–7:** 263–380. 1833, 1836	AVB **1836** 2: 582
13–14	301–349	1840	**8–9:** 381–510. 1839	AVB **1838/1840:** 58
15–16	350–402	1840	**10–11:** 512–568. 1842	AVB **1840:** 177
17–18	403–450	1842	**12–13:** 569–574+. 1842	AVB **1842:** 188
19–20	451–500	1843		AVB **1844** 2: 214
21–22	501–550	1847		
23–24	551–600	1849		AVB **1849** 2: 174; Hinrichs **4** (3): 232. 1849
25–26	601–650	1852		Hinrichs **8**(4): 381. 1853

Editio altera

Fascicles 1–5, 1842
6–7 (sic), 1849
7–8 (sic), 1852
9–10, 1852

INDEX: Lynge 476–488. Fascicles 1–12 in Linnaea Lit. Ber. **1837:** 77–83.

REFERENCES: See Schaerer's Spicillegium, above. Later numbers of the exsiccata cite Schaerer's Enumeratio critica Lichenum europaeorum, 328 p., 1850 [Hinrichs **6:** 41. (first quarter) 1851].

Fascicles 1–6 were reviewed in Flora **10:** 164–172, 1827. Lynge cites a review of Fascicles 25–26 by Massalongo in Nuovi Ann. Sci. Nat. Bologna **1853:** 203–228.

LABELS: Printed, with number, name, authority and citation, habitat and locality, reference to one or both books. 630 *Lecidea Heerii* Hepp Herb., not described. In Editio altera, only the number, name, reference, and habitat. 1 *Lepra aeruginosa.* FH, G, L, NY

REMARKS: Bound, 8vo books, with some of the specimens in a box at the back. The price was 4 Swiss francs each.

Hepp announced in Bot. Zeit. **11:** 199, Mar 1852, that he would continue this set, with Fascicles 27–28 to be issued in June. See his Flechten Europas.

Schmidt, Robert.

LICHENES SELECTI GERMANIAE MEDIAE. Ausgewählte mitteldeutsche Flechten in getrockneten Examplaren aufgelegt von Dr Robert Schmidt. Fascicles I–II, numbers 1–50. Jena (Deistung), 1882–1883.

L

DATES OF PUBLICATION:

Fascicle	Numbers	Date	
1	1–25	1882	Hinrichs **37:** 57. (first quarter) 1882
2	26–50	1883	Hinrichs **38:** 230. (second quarter) 1883; Bot. Centralbl. **14:** 125. Mai 1883

LABELS: Non vidi. See 1 *Usnea barbata hirta.*

REMARKS: Issued in portfolios 18 × 30 cm at 2 marks 40 per fascicle. See other sets by Schmidt in PART IV. BRYOPHYTA.

Small, John Kunkel (1869–1930).

LICHENS OF EASTERN NORTH AMERICA. Numbers 1–38. 1898.

DATE OF PUBLICATION: Hist. Coll. BM lists 58 (misprint?) specimens purchased in 1898. George K. Small offered numbers 1–38 of this set in Bryologist **54:** 80, 1951. Small's Mosses of Southern United States, q.v. in PART IV. BRYOPHYTA was issued in 1897.

REFERENCE: Cited by Culberson, who states that the labels are printed.

Stenhammar, Christian (1783–1866).

LICHENES SUECIAE EXSICCATI, IN PRIMO EDITIONIS ALTERIUS FASCICULO DIVULGATI, CURANTE CHR. STENHAMMAR. Fascicles I–VIII, numbers 1–240. 1856–1865.

L

DATES OF PUBLICATION: Year dates from Krok.

Fascicle	Numbers	Date	
1	1–30	no date	1 Oct 1856 in Bot. Notiser **1856:** 89–90
2	31–60	1859	Title page 22 Mai 1859
3–4	61–120	1860	
5	121–150	1862	
6	151–180	1862	1863 in Hedwigia **5:** 86. 1866
7–8	181–240	1865	

INDEX: Fascicle 1 in Bot. Notiser; Fascicles 7–8 in Öfvers. K. Svenska Vet.-Akad. Förhandl. **22:** 231–237. 1865/66.

REFERENCES: Labels cite Fries, Lichenographia Europaea reformata, 486 p., 1831, and Fries, Summa vegetabilium Scandinaviae, 572 p., 1846–1849.

LABELS: The labels themselves are printed, with number, name, and reference to one of Fries's books. An accompanying list gives locality and some other data. 16 *Biatora fulgens* var *bracteata* var nov, not described.

BM, FH, L, NY, PC

REMARKS: Issued as bound books, large 8vo. Stenhammar received 2,400 francs from the Swedish government to continue publication (Bull. Soc. Bot. Fr. **6:** 440. 1859). At his death in Jan 1866 he left a large amount of material which he had intended for further fascicles (Hedwigia **8:** 24. 1869). See under Fries, above, p. 125, for the first edition.

Suza, Jindřich (1890–1952).

LICHENES BOHEMOSLOVAKIAE EXSICCATI. Curavit R. N. Dr. Jindřich Suza. Fascicles I–X, numbers 1–300. Brno (Fascicles 1–7) and Praha, 1926–1935.

L

DATES OF PUBLICATION: On the schedae and, from Fascicle 4, on the labels.

Fascicle	Numbers	Date	
1	1–30	1926	
2	31–60	1927	
3	61–90	1928	1927 in Hedwigia Beibl. **68:** (135). 1929
4	91–120	1929	
5	121–150	1930	
6	151–180	1931	
7	181–210	1932	
8	211–240	1933	
9	241–270	1934	
10	271–300	1935	

LABELS: Fascicles 1–3 have the title in rubber stamp, the other data printed; later labels all printed, with number, name, authority, collecting data. 139 *Lecanora dvorakii*, without description. BM, FH, L

REMARKS: Issued in packets.

See another set with the same title by Vězda.

Tavares, Carlos das Neves (1914–x).

LICHENES LUSITANIAE SELECTI EXSICCATI, EDITI AB INSTITUTO BOTANICO UNIVERSITATIS OLISIPONENSIS. Fascicles I–IX, numbers 1–225. Lisbon, 1951–1965.

L

DATES OF PUBLICATION: Fascicles dated on schedae.

Fascicle	Numbers	Date
1	1–25	Apr 1951
2	26–50	Sep 1952
3	51–75	Jan 1955
4	76–100	Feb 1956
5	101–125	Sep 1958
6	126–150	Dec 1961
7	151–175	Dec 1962
8	176–200	Jun 1964
9	201–225	Apr 1965

INDEX: Schedae were issued with the fascicles. Fascicles 3–6 listed in Rev. Bryol. Lichénol. **24:** 409, 1955, **25:** 405, 1956, **28:** 268, 1959, **31:** 135, 1962.

LABELS: Printed, with number, name, authority and citations, synonyms, collecting data. 101 *Phaeographis Lyellii.* Many of the author's new taxa are cited to Portugaliae Acta Biologica. FH, G

REMARKS: Issued in packets.

Labels with the printed title Lichenes Lusitaniae (Herb. Carlos N. Tavares) have field numbers only.

Thomson, John Walter, Jr. (1913–x).

LICHENES ARCTICI. Numbers 1–90. Madison, Wisconsin, 1960–1966. L

DATES OF PUBLICATION: From the author.
Numbers 1–60. Jul 1960
Numbers 61–90. Feb 1966

INDEX: Schedae accompanied the issues.

REFERENCES: Thomson has had a series of papers on arctic lichens in Bryologist from 1953 onward.

LABELS: Xeroxed from "self-set printer" or typescript, with title, number, name, authority, collecting data, map. 1 *Caloplaca livida* (Hepp) Jatta. FH

REMARKS: Forty sets issued, mostly to public institutions. To be continued.

Thomson, John Walter, Jr. (1913–x).

LICHENES WISCONSINENSES EXSICCATI. Numbers 1–96. Madison, Wisconsin, 1946–1960. L

DATES OF PUBLICATION: From the author.

Numbers	Date
1–20	Jun 1946
21–60	Oct 1946
61–80	Jul 1949
81–96	Jul 1960

INDEX: Schedae accompanied numbers 81–96.

LABEL: Numbers 1–80 hand printed; later numbers xeroxed from hand printing. Title, number, name, authority, collecting data. 81 *Bacidia naegelii* (Hepp) Zahlbr. FH, NY

REMARKS: Twenty-five complete sets issued as exchange; extra specimens also distributed. To be continued.

Tobolewsky, Zygmunt (1927–x).

ZIELNIK POROSTOW POLSKI: LICHENOTHECA POLONICA. Fascicles III–XI, numbers 1–250. Poznań, 1952–1959.

(There are subtitles to each fascicle giving the provenance of the specimens.) Fascicle 10 by Tobolewsky and Kazimierz Glanc. Krawiec's Lichenotheca Polonica formed Fascicles 1–2 of this set.

L

DATES OF PUBLICATION: From schedae.

Fascicle	Numbers	Date
3	1–50	1952
4	51–75	1954
5	76–100	1954
6	101–125	1955
7	126–150	1956
8	151–175	1957
9	176–200	1957
10	201–225	1958
11	226–250	1959

LABELS: Printed, with title, fascicle number, number, name and authority, habitat and collecting data in Polish. 57 *Cladonia rangifera* Hoffm. FH, L

REMARKS: See another Polish set by Glanc, above, p. 128.

Trevisan di San Léon, Vittore Benédetto Antonio (1818–1897).

LICHENOTHECA VENETA. Licheni raccolti nelle Provincie Venete e publicato in esemplari dissecati dal Conte Vittore Trevisan. Series I, Fascicles I–X, numbers 1–366. Bassano, 1869–?

DATES OF PUBLICATION: Fascicles 1–8 are dated on the title page; there are labels for Fascicles 9–10 at FH.

Fascicles	Numbers	Date	
1–2	1–78	Apr 1869	Bull. Soc. Bot. Fr. **16:** 240. Dec 1869
3–4	79–146	Jun 1869	
5–6	147–207	Aug 1869	
7–8	208–268	Oct 1869	
9–10	269–366		

INDEX: Fascicles 1–8 in Lynge 505–510 and in Hedwigia **10:** 105–109, 121–124, 151–153, 154–156, 1871.

REFERENCE: New taxa are cited to Trevisan, Conspectus Verrucarinarum, 20 p., 1860.

LABELS: Printed, with title, number, name, authority, some synonymy, collecting data in Latin. 5 *Dermatocarpon trapeziforme* Trev. 366 *Haematomma coccineum* (Dks) Krb. FH, UPS

REMARKS: At UPS in portfolios ("volumes") of two fascicles, with title page on the outside.

Tuckerman, Edward (1817–1886).

CAROLI WRIGHT LICHENES INSULAE CUBAE, CURANTE E. TUCKERMAN. Numbers 1–246. Boston, 1864.

L

DATE OF PUBLICATION: From Sydow 125 and the obituary of Tuckerman in Bot. Gaz. **11:** 73–78, 1886. Wright (1811–1885) collected in Cuba in 1856–1858; for a description of his collections, see his Musci cubenses in PART IV. BRYOPHYTA.

INDEX: BM has a typed list.

LABELS: Title ("Wright, Lichens Cubae") printed, data handwritten; number, name, authority, some collecting data. 1 *Omphalaria leptophylla* Tuck. FH, NY

REMARKS: See Wright's Graphideae cubenses under J. Müller.

Tuckerman, Edward (1817–1886).

LICHENES AMERICAE SEPTENTRIONALIS EXSICCATI, CURANTE EDVARDO TUCKERMAN. Fascicles I–VI, numbers 1–150. Cantabrigiae, Nov. Ang. (Fascicles 1–2); Bostoniae, 1847–1854.

L

DATES OF PUBLICATION: Double fascicles dated on title pages.

Fascicles	Numbers	Date	
1–2	1–50	1847	Lond. Jour. Bot. **6:** 561. 1847
3–4	51–100	1854	
5–6	101–150	1854	

INDEX: Printed lists accompanied the issues. Lynge 510–512.

REFERENCES: Tuckerman, A synopsis of the lichens of New England, the other Northern States, and British America, 93 p., 1848 (first published in Proc. Amer. Acad. Sci. 1847). New taxa in the exsiccata were first described here.

Tuckerman's later Synopsis of the North American lichens, which cites the exsiccata, was published in two parts, the first 260 p. in 1882 (Bot. Gaz. **7:** 58–59. Mai 1882), the rest in 1888 (Bot. Gaz. **13:** 277. Oct 1888). It is reprinted in Collected Papers.

Tuckerman, Collected lichenological papers, edited by W. L. Culberson. Volume 1, 430 p., Volume 2, 756 p., 1964. Reviewed in Bryologist **68:** 134–135, 1965. Includes biography and portrait.

LABELS: Printed, with number, name, authority, reference to Tuckerman's (1848) Synopsis, locality in Latin. 52 *Evernia Fremontii* Tuckerm. mss, not described. FH, L, NY, PC

REMARKS: Issued in 18 × 20 cm booklike portfolios. At FH there are covers for Fascicles 7–8 and 9–10, both dated 1860 but never issued. Fascicles 7–8 was subtitled: "pro maxima parte Lichenes Carolinianos a cel. H. W. Ravenel lectos complectentes." 151 *Myrangium Curtisii* Berk & Mont. 201 *Collema nigrescens*. I have not found these specimens in the Tuckerman herbarium. It would appear that 25 copies were planned.

See Reliquiae Tuckermanianae, above, p. 159.

Vězda, Antoniń (1920–x).

LICHENES BOHEMOSLOVAKIA EXSICCATI. Fascicles I–X, numbers 1–300. Brno (Instituto Botanico Universitatis Agriculturae et Silviculturae), 1957–1959.

L

DATES OF PUBLICATION: From the author. The schedae are dated to year.

Fascicles	Numbers	Date
1–5	1–150	Dec 1957
6	151–180	Jan 1958
7	181–210	Mar 1958
8	211–240	Jul 1958
9	241–270	Dec 1958
10	271–300	Jan 1959

INDEX: Schedae were issued with the fascicles, and there is an alphabetical index to the whole set. Listed in Rev. Bryol. Lichénol. as follows: (Fascicle 1) **30:** 184, 1961; (Fascicles 2–3) **31:** 135, 1962; (Fascicle 4) **32:** 331, 1963; (Fascicles 5–6) **31:** 284, 1962; (Fascicle 7) **32:** 331, 1963; (Fascicle 8) **33:** 315, 1964; (Fascicles 9–10) **33:** 694, 1964/1965.

LABELS: Printed, with title, number, name, authority and references, collecting data in Czech. 1 *Acarospora chlorophana* (Wnbg.) Mass. FH, UPS

REMARKS: Issued in packets. Thirty copies, given or exchanged.

Vězda, Antoniń (1920–x).

LICHENES SELECTI EXSICCATI. Fascicles I–XXIV, numbers 1–600. Fascicles I–VIII at Brno (Botanical Institute University School of Forestry), Fascicles IX–XXIV at Pruhonice near Prague (Botanical Institute Czechoslovak Academy of Sciences), 1960–1967.

L

DATES OF PUBLICATION: From the author. The schedae are dated to year.

Fascicles	Numbers	Date
1–2	1–50	Dec 1960
3	51–75	Sep 1961
4	76–100	Oct 1961

Fascicles	Numbers	Date
5	101–125	Nov 1961
6	126–150	Sep 1962
7	151–175	Dec 1962
8	176–200	Sep 1963
9	201–225	Jan 1964
10	226–250	Mar 1964
11	251–275	Jul 1964
12	276–300	Sep 1964
13	301–325	Jan 1965
14	326–350	Mai 1965
15–16	351–400	Aug 1965
17–18	401–450	Dec 1965
19	451–475	Mar 1966
20	476–500	Sep 1966
21	501–525	Dec 1966
22	526–550	Jan 1967
23	551–575	Apr 1967
24	576–600	Aug 1967

INDEX: Schedae issued; cumulative list in Folia geobotanica et phytotaxonomia Bohemoslovaco **2:** 201–208, 1967.

LABELS: Printed, with title, number, name, authority, collecting data. New taxa described. 1 *Enterographa crassa* (DC) Fée. UPS

REMARKS: Twenty-five copies issued. To be continued.

Wainio, Edvard August (1858–1929).

LICHENES BRASILIENSES EXSICCATI. Ca 600 numbers. 1891–1892. L

DATES OF PUBLICATION: Labels dated 1891 and 1892. Received BM 1892. Wainio collected in Brazil in 1885; his journey is described by F. Mattick in Willdenowia **1** (3): 404–432, 1956.

The number of specimens in a set varies, and reports of total numbers also vary according to whether "a" and "b" numbers are included. At FH there are handwritten lists prepared by Lynge showing the numbers in the UPS set not found at FH and those at FH not at UPS.

The specimens were issued with numbers corresponding to systematic position and even after the numbers are arranged serially, there are many gaps. The highest number in Lynge is 1593.

INDEX: Lynge 513–519.

REFERENCE: Wainio, Étude sur la classification naturelle et la morphologie des lichens du Brésil, 256 p., 1890 (from Acta Soc. Fauna Flora Fennica 7, 1890).

LABELS: Printed, with title, date, number, name, authority, synonyms, collecting data. 196 *Buellia disciformis* var *subduplicata* Wain., not described. BM, FH, PC, UPS

REMARKS: The set is in two red boxes 25 × 40 cm, the specimens in packets. At FH, box 1 has 231 numbers, dated 1891, box 2 has 239 numbers, dated

1892. Mattick says there were only 8 full sets, of which at least 6 are at public institutions.

The author was born Edvard Lang and published under that name until 1878, when he changed to Wainio; in 1920 he adopted the Finnish orthography of Vainio.

Wallroth, Carl Friedrich Wilhelm (1792–1857).

LICHENES FLORAE GERMANIAE EXSICCATI.

Cited in Sydow 125. Wallroth was the author of Naturgeschichte der Flechten, 1825–1827, and of Flora cryptogamica Germanicae, which appeared in three parts in 1831 (Lichenes and Musci), 1832, 1833.

Weber, William Alfred (1918–x).

LICHENES EXSICCATI DISTRIBUTED BY THE UNIVERSITY OF COLORADO MUSEUM, WILLIAM A. WEBER, CURATOR. Fascicles I–V, numbers 1–200. Boulder, Colorado, 1961–1967.

L

DATES OF PUBLICATION: From schedae and the author.

Fascicle	Numbers	Date
1	1–40	Mar 1961
2	41–80	10 Nov 1963
3	81–120	30 Jan 1965
4	121–160	Jan 1966
5	161–200	16 Mar 1967

INDEX: Printed schedae were issued with the fascicles. Fascicle 1 was listed in Rev. Bryol. Lichénol. **30:** 304, 1961.

LABELS: Printed, with title, number, name, authority and references, collecting data. 85 *Hubbsia lumbricoides* Weber, isotype, not here described. FH, NY

REMARKS: Issued in packets. There were 100 complete sets of Fascicle 1; of subsequent fascicles there were 60 complete and some incomplete sets. The institutions receiving them, on exchange only, were listed in Taxon **13:** 31, 1964. To be continued, according to the author.

Wright, Caroli, see Müller, Graphideae cubenses, above, p. 149, and Tuckerman, C. Wright Lichenes insulae Cubae, above, p. 169.

Zahlbruckner, Alexander (1860–1938), and Karl Redinger (1907–1940).

LICHENES RARIORES EXSICCATI. Numbers 1–385. Wien, 1902–1936.

Numbers 1–288 by Zahlbruckner; numbers 289–385 by Zahlbruckner and Redinger.

L

DATES OF PUBLICATION: Year date from schedae and Lynge.

Numbers	Date	Accessioned	Reviewed
1–20	1902	FH, Mai 1902	
21–40	1903	FH, Jun 1903	Bot. Jahresb. **31:** 299. 1903
41–60	1904	FH, Jul 1904	Bot. Jahresb. **32:** 24–25. 1904
61–80	1906	FH, Mai 1906	Hedwigia Beibl. **45:** (159–160). 1906
81–100	1907	BM, 20 Mai 1907	Bot. Jahresb. **35:** 55. 1907; Hedwigia Beibl. **47:** (61–62). 1907
101–120	1908	BM, 22 Feb 1909	Bot. Jahresb. **37:** 30. 1909; Hedwigia Beibl. **49:** (90). 1909
121–140	1910	BM, 25 Jun 1910	Bot. Jahresb. **38:** 27. 1910; Hedwigia Beibl. **50:** (141–142). 1910
141–165	1912	BM, 24 Mai 1912	Hedwigia Beibl. **53:** (95). 1912
166–187	1915	BM, 24 Apr 1914	Hedwigia Beibl. **55:** (151). 1914
188–207	1921	BM, 6 Dec 1920	
208–240	1922		
241–267	1927	BM, 28 Mar 1927	Hedwigia Beibl. **67:** (162). 1927
268–288	Feb 1931	BM, 13 Apr 1931	Rev. Bryol. Lichénol. **5:** 163. 1932; Hedwigia Beibl. **73:** (197). 1933
289–311	1933	BM, 1 Oct 1933	Hedwigia Beibl. **74:** (138). 1934; Rev. Bryol. Lichénol. **8:** 135. 1935
312–338	Feb 1934	BM, 4 Mai 1934	Hedwigia Beibl. **75:** (70). 1935; Rev. Bryol. Lichénol. **8:** 135. 1935
339–360	Jan 1935	BM, 25 Mai 1935	Rev. Bryol. Lichénol. **10:** 119. 1937
361–385	Mar1936	BM, 16 Mar 1936	Hedwigia Beibl. **76:** (140). 1936; Rev. Bryol. Lichénol. **10:** 119. 1937

INDEX: Schedae were issued for at least the later fascicles. Lynge 538–541 for numbers 1–187; Suppl. 237 for numbers 188–385.

REFERENCE: Zahlbruckner, Catalogue Lichenum universalis, Band 1–9, 1921–1934.

LABELS: Printed, with title, number, name, authority, locality, collector. 117 *Caloplaca fulgida* var *arbensis* A. Zahl., not described. 293 *Leptotrema Wightii faerocarpa* A. Zahl., f nov, with brief Latin description. FH, NY, PC

REMARKS: Issued in packets.

Zelińska, Janina.

PLANTAE VARSAVIENSES EXSICCATAE. Lichenes ex Silva Kampinosky Park Narodowy. Curavit Janina Zelińska. Fascicles 1–2, numbers 1–50. Varsavia (Universytet Warszawski), 1961.

L

DATE OF PUBLICATION AND INDEX: The schedae of both fascicles are dated 1961.

LABELS: Offset printed, with title, number, name, collecting data in Polish and Latin. 1 *Chaenotheca melanophaea* Zwackh. PC, UPS

REMARKS: For other sections of Plantae Varsavienses see Slobotka, Hepaticae and Mickiewicz, Musci, in PART IV. BRYOPHYTA.

Zwackh-Holzhausen, Wilhelm von (1825–1903).

LICHENES EXSICCATI. Fascicles I–XXII, numbers 1–1177. Heidelberg, 1850–1894.

L

DATES OF PUBLICATION:

Fascicles	Numbers	Date and Source
1–8	1–429	1850–1862, Lynge
9–14	430–734	Before 1883, cited in Zwackh Lich. Heidelb.
15–19	735–1063	
20	1064–1099	1889, Rev. Gén. Bot. **2:** 404. 1890 and Bot. Centralbl. **46:** 265–266. 1891
21	1100–1145	1891, Bot. Centralbl. **53:** 313–314. 1893
22	1146–1177	1894, Bot. Centralbl. **59:** 5–6. 1894

INDEX: Lynge 542–559. Fascicles 20–22 in Bot. Centralbl., above.

REFERENCES: Zwackh-Holzhausen, Die Lichenen Heidelbergs, 84 p., 1883 [Hinrichs **38:** 392. (third quarter) 1883]. Cites numbers 1–734.

Zwachk-Holzhausen. Enumeratio lichenum Florae Heidelbergenses. Flora **20:** 465–474. 1862, et seq.

LABELS: On early fascicles (at UPS until the 700s) handwritten. In later fascicles printed, with "Zw. L." and a number in the upper corner, the name, authority, locality and collector below. 906 *Lychina pygmaea* Ag. PC, UPS